Sequence 14, Appl Sequence 12, Appl Sequence 20, Appl Sequence 4, Appl Sequence 38, Appl Sequence 38, Appl Sequence 40, Appl Sequence 11, Appli Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli

Sequence Sequence Sequence Sequence Sequence

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and Methods for and Diagnosis of Mycobacterial Infections
         US-09-405-743A-5
US-09-222-91A-18461
US-08-152-48B-12
US-08-303-025-14
US-08-677-304-12
US-08-677-304-12
US-09-405-713-4
US-09-405-713-4
US-09-401-264-38
US-09-411-264-40
US-09-411-264-40
US-09-411-264-40
US-09-411-264-40
US-09-411-889-1
                                                                                                                                                                                                                                                                              US-09-095-855-201

Sequence 201, Application US/09095855

Fatent No. 6160033

GENERAL INFORMATION:

APPLICANT: Tan, Paul
APPLICANT: Visser, Elizabeth

APPLICANT: Stinner, Margot

APPLICANT: Stinner, Margot

APPLICANT: Stinner, Margot

APPLICANT: Prestidge, Ross

TITLE OF INVENTION: Compounds and Methods for

TITLE OF INVENTION: Treatment and Diagnosis of

NUMBER OF SEQUENCES: 208

CORRESPONDENCE ADDRESS:
ADDRESSEB: Law Offices of Ann W. Speckman

STREET: 2601 Elliott Avenue, Suite 4185

CITY: Seattle

STATE: WA

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: Diskette
COMPUTER: Diskette
COMPUTER: Diskette
COMPUTER: DOS
SOFTWARE: FastEED for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,855
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
APPLICATION NUMBER: 08/873,970
FILING DATE: 12-JUN-1997
APPLICATION NUMBER: 08/997,362
FILING DATE: 12-JUN-1997
APPLICATION NUMBER: 08/997,362
FILING DATE: 33-DEC-1997
ATTOMNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
PREMEMBERATION NUMBER: 37,007
PREMEMBERATION NUMBER: 37,007
                                                                                                                                                                                                                                                                ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11000.1002c3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION:
TELEPHONE: 206-269-0565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 223 amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 206-269-0563
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: Sil
71.5
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 Sequence 201, App
Sequence 201, App
Sequence 13565, A
Sequence 7, Appli
Sequence 6, Appli
Sequence 63, Appli
Sequence 63, Appl
Sequence 64, Appl
Sequence 64, Appl
Sequence 64, Appl
Sequence 64, Appl
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Appli
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                                                                                                   (without alignments)
103.766 Million cell updates/sec
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                                                                                      August 17, 2004, 15:50:03 ; Search time 17.9109 Seconds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 64
Sequence 63
Sequence 16
Sequence 16
Sequence 16
Sequence 5,
Sequence 5,
Sequence 4,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4
Sequence 2
Sequence 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6
Sequence 1
Sequence 4
                                                                                                                                                                                                                                                                                                                                                                                 lssued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/FUTGS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/FUTGS_COMB.pep:*
            GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                         162
1 akkaraakkararakkaraakkaraakkaraa 36
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US-09-205-426-201

US-09-406-743A-7

US-08-993-003A-6

US-08-993-003A-6

US-08-993-003A-6

US-08-993-003A-6

US-08-460-890A-64

US-08-167-641C-63

US-08-167-641C-63

US-08-460-971A-64

US-08-460-971A-64

US-08-460-971A-64

US-08-460-971A-64

US-08-393-16

US-08-393-16

US-08-993-309-16

US-09-405-743A-8

US-09-405-743A-6

US-09-405-743A-6

US-08-489-039A-13743

US-08-489-039A-13743

US-08-489-039A-13743

US-08-489-039A-13743

US-08-489-039A-13743
                                                                                                                                                                                                                                                             Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                    389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SUMMARIES
                                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                OM protein - protein search, using sw mode]
                                                                                                                                                                                              BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                         Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                           US-09-496-391-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query
Match Length DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             73.5
72.7
71.5
                                                                                                                                                         Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score
                                                                                                                                                                      Sequence:
                                                                                                                                                                                                                                     Searched:
                                                                                         Run on:
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299 AEKAAAAEKAAAABKAAAAKAAAAKAAAA 335
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGIGTRATION NUMBER: 32,064
REFERENCE/DOCKET NUMBER: 33-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          303-499-8089
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                                                                                                         RESULT 4
US-09-405-743A-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                        SEC ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE:
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Sequence 13565, Application US/09489039A
Patent No. 6610836
GENERAL INFORMATION:
APPLICAMIT: Gary Breton et. al
ATILE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PREDMONTAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 1999-01-29
REIOR APPLICATION NUMBER: US 60/117,747
PRIOR APPLICATION NUMBER: US 60/117,747
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Sequence 2.0.1, Application US/09205426

Patent No. 6406704

SERBEAL INFORMATION:

APPLICANT: Watson, James D.

APPLICANT: Watson, James D.

TITLE OF INVENTION: Compounds and Methods for Treatment and TITLE OF INVENTION: Dispenses of Mycobacterial Infections

FILE REFERENCE: 11000.100.204

CURRENT APPLICATION NUMBER: US/09/205,426

CURRENT APPLICATION NUMBER: 09/095,855

EARLIER FILING DATE: 1998-06-11

EARLIER FILING DATE: 1998-06-12

EARLIER FILING DATE: 1997-06-12

EARLIER FILING DATE: 1997-06-12

EARLIER FILING DATE: 1996-08-29

NUMBER OF SEQ ID NOS: 208

SOFTWARE: PastSEQ for Windows Version 3.0

LENGTH: 223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             54.6%; Score 88.5; DB 4; Length 469; ilarity 64.9%; Pred. No. 0.0027; Conservative 4; Mismatches 8; Indels
                                                   Query Match 64.2%; Score 104; DB 3; Length 223; Best Local Similarity 72.2%; Pred. No. 2.6e-05; Matches 26; Conservative 0; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match

64.2%; Score 104; DB 4; Length 223;

Best Local Similarity 72.2%; Pred. No. 2.6e-05;

Matches 26; Conservative 0; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 141 ATKAAPAKKATAAKKAAPAKKATAAKKAAPAKKAPA 176
                                                                                                                                                                                                 141 ATKAAPAKKATAAKKAAPAKKATAAKKAAPAKAAPA 176
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                                                                                                                                                                  1 AKKARAAKKARAAKKARAAKKARAAKKARA 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) ORGANISM: Mycobacterium vaccae US-09-205-426-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 24, Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-489-039A-13565
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US-09-489-039A-13565
     US-09-095-855-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
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Gaps
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Sequence 7, Application US/09405743A
Patent No. 6514938
GENERAL INFORMATION:
GENERAL SPETICATION WINNERS:
CURRENT FILING DATE:
CURRENT FILING DATE:
CURRENT FILING DATE:
CONTRETE FILING
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 51.2%; Score 83; DB 4; Length 109
Best Local Similarity 60.0%; Pred. No. 0.0032;
Matches 24; Conservative 4; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE: OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER FRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/993,008A
FILING DATE: 18-DEC-1997
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 60/032,436
FILING DATE: 18-DEC-1996
ATTOMNEY/AGENT INFORMATION:
APPLICATION NUMBER: US 60/032,436
FILING DATE: 18-DEC-1996
ATTOMNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 AKKARA--AKKARAA--KKARAAKKARAAKKARA 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Liotta, Dennis C.
APPLICANT: Perros, John A.
APPLICANT: Perros, John A.
APPLICANT: Wey, Shiow-Jyi
APPLICANT: Karr, Joan F.
APPLICANT: Pohl, Jan
TITLE OF INVENTION: Polycationic Oligomers
CORRESPONDENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Greenlee, Winner and Sullivan STREET: 5370 Manhattan Circle, Suite 201 CITY: Boulder
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5, Application US/08993008A Patent No. 6153596
GENERAL INFORMATION:
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0
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Pred. No. 0.0035;
6; Mismatches 10; Indels
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49.4%; Score 80; DB 3; Length 56;
Best Local Similarity 52.9%; Pred. No. 0.004;
Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
SOUTHARE: BEAGENT Release #1.0, Version #1.30
SOUTHARE: PAPLICATION DATA:
APPLICATION NUMBER: US/08/993,008A
FILING DATE: 18-DEC-1997
FILING DATE: 18-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAMM: SULINAN, SAILY A.
REGISTRATION NUMBER: 32,064
REFERENCE/DOCKET NUMBER: 33-95
TELECOMMUNICATION INFORMATION:
TELEFAX: 303-499-8089
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LEAGTH: 56 amino acids
LEAGTH: 56 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/08993008A
Sequence 6, Application US/08993008A
Seturn No. 6183896
GENERAL INFORMATION:
APPLICANT: Liotta, Dennis C.
APPLICANT: Wey, Shiow-dyi
APPLICANT: Wey, Shiow-dyi
APPLICANT: Wey, Shiow-dyi
APPLICANT: Wey, Shiow-dyi
TITLE OF INVENTION: Polycationic Oligomers
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                    3 KARAAKKARAAKKARAAKKARAAKKARA 36
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1: 5370 Manhattan Circle, Suite 201
Boulder
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
                                                            SS: not relevant not relevant
                                                                                                                                                                                                                 Query Match
Best Local Similarity 52.9%;
Matches 18; Conservative
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: amino acid
STRANDEDNESS: not releva
TOPOLOGY: not relevant
MOLECTLE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                  , ANTI-SENSE: NO
US-08-993-008A-5
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STREET: 537
CITY: Bould
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ANTI-SENSE:
US-08-993-008A-6
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US-08-993-008A-6
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Woo, Savio L.C.

APPLICANT: Smith, Louis C.

APPLICANT: Gottchalk, Stephen

TITLE OF INVENTION: METHODS OF USE

NUMBER OF SEQUENCES:

CORRESPONDERSEE: Lyon & Lyon

TITLES OF INVENTION: METHODS OF USE

NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: Suite 4700

CITY: Los Angeles

STATE: Califoria

COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: "Arg Ala" in positions 3 to 100 may be OTHER INFORMATION: present or absent.

US-08-460-890A-63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 52.9%; Pred. No. 0.0065;
Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 KARAAKKARAAKKARAAKKARAAKKARA 36
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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FRASTEG for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,890A
FILING DATE: Unne 5, 1995
CLASSIFICATION BATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 19, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 19, 1993
APPLICATION NUMBER: 12, 1993
APPLICATION NUMBER: 21, 1993
ATTORNEY AGENT INFORMATION:
NAME: WALDER RICHARD
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 31,206
TELEPONE: (213) 955-0440
TELEPONE: (213) 955-0440
TELEPONE: (213) 955-0440
TELEPONE: APPLICATION INFORMATION:
TELEPONE: (213) 955-0440
TELEPONE: (213) 955-0440
TELEPONE: ROWERSISTICS:
LENGTH: 100 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 90071-2066
COMDUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 8
US-08-460-890A-64
; Sequence 64, Application US/08460890A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: single
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Gaps

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3 KARAAKKARAAKKARAAKKARAAKKARA 36

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TITLE OF INVENTION: METHODS OF USE NUMBER OF SEQUENCES: 65 CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-167-641C-64
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                                 GENERAL INFORMATION:
APPLICANT: Woo', Savio L.C.
APPLICANT: With, Louis C.
APPLICANT: Gritchano, Richard J.
APPLICANT: Gottchank, Stephen
TITLE OF INVENTION: WICLEIZ ACID TRANSFORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 49.4%; Score 80; DB 2; Length 100; Best Local Similarity .52.9%; Pred. No. 0.0065; Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 63.
Sequence 63.
Patent No. 6033884
GENERAL INFORMATION:
APPLICANT: Which, Louis C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Sctchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3 KARAAKKARAAKKARAAKKARAAKKARA 36
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CONTRY: CALLULLILLAR
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 5.5" Diskette, 1.44 Mb
MEDIUM TYPE: 18M C. DOS 5.0
CURRENT APPLICATION DATA: 1895
FILING DATE: June 5, 1995
APPLICATION NUMBER: 07/855,389
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 19, 1993
ATTORREY AGENT THORMATION:
NAME: Warch 19, 1993
ATTORREY AGENT THORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOKET NUMBER: 212/C
TELECOMMUNICATION INFORMATION:
TELEFAX: (213) 955-0440
TELEFAX: (2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: sin
    ; Patent No. 5994109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-167-641C-63
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Gaps
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Sequence 64, Application US/08167641C

Sequence 64, Application US/08167641C

Sequence 64, Application US/08167641C

Sequence 60.33884

Sequence 7. Sequence 7.
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US-08-167-641C-63
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49.4%; Score 80; DB 3; Length 100;
Best Local Similarity 52.9%; Pred. No. 0.0065;
Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 KARAAKKARAAKKARAAKKARAAKKARA 36
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ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Sulte 4700 CITY: Los Angeles STATE: Callfornia COUNTRY: U.S.A. ZIP: 90071-2066 CONTUTE READABLE FORM: MEDIUM TYPE: Storage MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastESE for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/167,641C
FILING DATE: December 14, 1993
CLASSIFICATION - 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US33/02725
FILING DATE: March 19, 1993
ATTONNEY, AGENT TINFORMATION:
NAWE: WARDING, Richard J.
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/012
TELECHONE: (213) 489-1600
TELECHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6 SEQUENCE CHARACTERISTICS: LENGTH: 100 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             single
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US-89-40-971A-97
US-80-971A-971A-97
US-98-40-971A-97
Patent No. 6150168

APPLICANT: Smith, Louis C.
APPLICANT: Smith, Louis C.
APPLICANT: Gettelan, Richard J.
APPLICANT: Gettelan, Richard J.
APPLICANT: Gettelan, REHODS OF USB
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEB: Lyon & Lyon
STREET: Suite 4700
CIRY: Los Angeles
STREET: Suite 4700
CIRY: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071-2066
CONPUTRY: IN Compatible
OPERATING SYSTEM: BMP P.C. DOS S.0
CORPUTRY: IN COMPATEN: STORMEN: USA APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/460,971A
FILING DATE: Uses
FILING DATE: 03467,641
FILING DATE: 036667,641
FILING DATE: 036667,641
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) OTHER INFORMATION: "Arg Ala" in positions 3 to 100 may be ; OTHER INFORMATION: present or absent.
US-08-460-971A-63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
49.4%; Score 80; DB 3; Length 100;
Best Local Similarity 52.9%; Pred. No. 0.0065;
Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 KARAAKKARAAKKARAAKKARAAKKARA 36
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                                                                                                                   PADLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07,855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/0893/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
RAME: WAZDULEY, RICHART 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
TELECHONE: (213) 489-1600
TELECHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acids
TYPE: amino acid
STRANDEDNESS: single
                       June 5, 1995
1: 435
                   FILING DATE: June 5,
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: peptide FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-460-971A-64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: "Lys Ala" in positions 3 to 100 may be OTHER INFORMATION: present or absent.

US-08-167-641C-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
49.4%; Score 80; DB 3; Length 100;
Best Local Similarity 52.9%; Pred. No. 0.0065;
Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3 KARAAKKARAAKKARAAKKARAAKKARA 36
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ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 5.5" Diskette, 1.44 Mb
MEDIUM TYPE: 5.0" DOBACH
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: BEASTED for Windows 2.0
SOFTWARE: FEASTED for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 07/855,389
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: MAICH 19, 1993
APPLICATION NUMBER: 20, 1992
APPLICATION NUMBER: 20, 1993
ATTORNEY/AGENT INFORMATION:
NAME: WAYDELY RICHARD J. 1993
ATTORNEY/AGENT INFORMATION:
TELEPHONE: (213) 489-1600
TELEFRAX: (213) 955-0440
TELEFRAX: (213) 955-0440
TELEFRAX: 67-310
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acids
TYPE: amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: TEST COMPATIBLE FORM: SYGTEM: TEST COMPATIBLE FORM: TEST COMPATIBLE FOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 11
US-08-460-971A-63
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Gaps

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OTHER INFORMATION: "Arg Ala" in positions 3 to 100 may be OTHER INFORMATION: present or absent.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Statiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3 KARAAKKARAAKKARAAKKARAAKKARA 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 RARARARARARARARARARARARARARARA 34
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
CITY: Los Angeles
COUNTE: California
COUNTY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MADIUM TYPE: 31° Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: ESCENCE FOR STREET
OOPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTEST FOR WINGOWS 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,040
FILING DATE: June 5, 1995
CLASSIFICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,899
FILING DATE: MARCH 19, 1993
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: MARCH 20, 1993
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: MARCH 20, 1993
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: MARCH 10: 1893
APPLICATION NUMBER: 212/078
REFERENCE/DOCKET NUMBER: 212/078
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 64, Application US/08462040
Patent No. 6177554
                                           TELEPHONE: (213) 489-1600
TELEX: (213) 955-0440
TELEX: (213) 955-0440
TELEX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 63: SEQUENCE CHARACTERISTICS: LENGTH: 100 amino acids TYPE: amino acid STRANDENESS: single TOPOLOGY: linear 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 64:
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Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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US-08-462-040-64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ouery Match 49.4%; Score 80; DB 3; Length 100; Best Local Similarity 52.9%; Pred. No. 0.0065; Matches 18; Conservative 6; Mismatches 10; Indels
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US-08-462-040-63
Sequence 63, Application US/08462040
Patent No. 6177554
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richad J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: MUCLEIC ACID TRANSPORTER SYSTEMS AND TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3 KARAAKKARAAKKARAAKKARAAKKARA 36
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STREET: 613 West Fifth Street
STREET: 614 4700
CITY: Los Angeles
STATE: Callifornia
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: ACOMPATIBLE OF STORY
COMPUTER: ISM COMPATIBLE
COMPUTER: ISM
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,32/
REFERENCE/DOCKET NUMBER: 212/063
TELECOMMUNICATION INFORMATION:
TELETAX: (213) 489-1600
TELETAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acids
TYPE: amino acid
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,040
FILING DATE: UNme 5, 1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 32,327
REGISTRATION INVARER: 212/078
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
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Sequence 16, Application US/08346849

Fatent No. 5670433

GENERAL INFORMATION:

APPLICANT: Lockehin, Curris

APPLICANT: Holms, Jacander

APPLICANT: Holms, Todander

CITYLE OF INVENTION: THEREOR

NUMBER OF EGOURNES: ELPANITION: BROCX, SMITH & REYNOLDS, P.C.

STREET: Two Militia Drive

CITYLE READERSEE

CONDENTE: Holms Compatible

COMPANY: U.S.A.

CONTRYR: U.S.A.

COPERATION NUMBER: US/08/346,849

FILING DATE: Ploapy disk

COMPANY: APPLICATION NUMBER: US/08/346,849

FILING DATE: AD DECEMBER 1992

APPLICATION NUMBER: US/08/346,849

FILING DATE: AD DECEMBER 1992

APPLICATION NUMBER: US/08/3126

ATTORNEY/AGENT INFORMATION:

TELEPRANE: (617) 861-6340

INFORMATION FOR SEQ ID NO. 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 60 amino acids

TYPE: ADDITORY DATE:

MULBEULLE OF STREET

MULBEULLE
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                                                                                                                                           OTHER INFORMATION: "Lys Ala" in positions 3 to 100 may be OTHER INFORMATION: present or absent.

US-08-462-040-64
                                                                                                                                                                                                                                                                               Query Match
49.4%; Score 80; DB 3; Length 100;
Best Local Similarity 52.9%; Pred. No. 0.0065;
Matches 18; Conservative 6; Mismatches 10; Indels
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48.8%; Score 79; DB 1; Length 60;
Best Local Similarity 55.6%; Pred. No. 0.0054;
Matches 20; Conservative 5; Mismatches 9; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                              3 KARAAKKARAAKKARAAKKARAAKKARA 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
TYPE: TYPE. TYPE. TYPE:

MOLECULE TYPE: protein
US-08-346-849-16
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
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US-08-346-849-16
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Search completed: August 17, 2004, 16:14:26 Job time : 17.9109 secs

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US-10-205-979-52
; Sequence 52, Application US/10205979
; Publication No. US20030147861A1
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Sequence 52, Appl
Sequence 55748, A
Sequence 59321, A
Sequence 17, Appl
Sequence 17, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 3, Appli
Sequence 3, Appli
Sequence 2, Appli
                                                                                                                                                        August 17, 2004, 16:06:45; Search time 56.7624 Seconds (without alignments) 199.100 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Published Applications AA:*

1: \cgn2_6/ptodata/1/pubpaa/USO7_PUBCCMB.pep:*

2: \cgn2_6/ptodata/1/pubpaa/PCT_MBW_PUB.pep:*

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19: \cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

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12: \cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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4 US-10-205-979-52

2 US-10-282-122A-68109

2 US-10-282-122A-69109

2 US-10-282-122A-59321

US-09-816-989A-7

US-09-911-161A-127

6 US-10-390-472-16

4 US-10-240-430-8

US-10-240-430-7

US-10-240-430-7

US-10-240-430-7

4 US-10-229-567-4

6 US-10-229-567-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1292805 seqs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                                                                                            OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                          BLOSUM62
Gapop 10.0 , Gapext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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162
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Perfect score:
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                                                                                                                                                                    Run on:
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Sequence 12370, A Sequence 12370, A Sequence 66237, A Sequence 66237, A Sequence 60257, A Sequence 50257, A Sequence 5047, A Sequence 13, Application of the sequence 1342, A Sequence 1342, A Sequence 62547, A Sequence 62547, A Sequence 27, Application of the sequence 62547, A Sequence 62547, A Sequence 27, Application of the sequence 62547, A Sequence 127, A Sequence 127, Application of the sequence 127, A Sequence 127
Sequence 1, Appli
Sequence 2, Appli
                                           Sequence 56483, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 125161
4 US-10-262-209-1

6 US-10-280-123-56483

4 US-10-156-761-12370

5 US-10-136-9493-17058

6 US-10-136-9493-17058

6 US-10-282-122A-66237

4 US-10-282-122A-60257

4 US-10-282-122A-60257

10S-10-282-122A-75772

4 US-10-127-028-122A-75772

4 US-10-1282-122A-75772

4 US-10-1282-122A-75047

10S-10-282-122A-75047

10S-10-282-123A-75047

10S-10-282-124-5041

4 US-10-282-124-75047

6 US-10-282-124-6982

7 US-10-282-122A-6982

7 US-10-282-122A-6847

7 US-10-282-122A-6847

7 US-10-282-122A-68847
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Sequence 201, Application US/10051643

Sequence 210, Application US/10051643

Publication No. U52002197265A1

GENERAL INFORMATION:

APPLICANT: Watson, James D.

ITLE OF INVENTION: Methods and Compounds for the Treatment

TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory

TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory

TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory

TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory

TITLE OF INVENTION: of 1000.1008c2

CURRENT FILING DATE: 1000.1008c2

CURRENT FILING DATE: 1090-1.18

PRIOR PILING DATE: 1090-1.7

PRIOR PILING DATE: 1090-1.2

NUMBER OF SEC ID NOS: 208

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 201

LEADTH: 223

LEADTH: 223

LEADTH: 223

LEADTH: 223
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Best Local Similarity
Matches 26; Conserv
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; TYPE: PRT
; ORGANISM: Enterobacter cloacae
US-10-282-122A-55748
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Tarwick, John
APPLICANT: Tarwick, John
APPLICANT: Tarwick, John
APPLICANT: Forsyth, R.
                                                                                                                                             Query Match
Best Local Similarity 69.7%;
Matches 23; Conservative
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Best Local Similarity
Matches 22; Conserv
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US-10-282-122A-68109
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US-10-282-122A-68109
LENGTH: 428
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PRIOR PELING DATE: 2000-03-21
PRIOR PILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR FLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-06
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-23
PRIOR PELING DATE: 2000-110-23
PRIOR PELING DATE: 2000-110-23
PRIOR PELING DATE: 2000-110-23
PRIOR PELING DATE: 2000-12-22
PRIOR PELING DATE: 2001-02-03
PRIOR PELING DATE: 2001-02-03
PRIOR FILING DATE: 2001-02-04
PRIOR FILING DATE: 2001-02-04
PRIOR FILING DATE: 2001-02-05
PRIOR FILING DATE: 2001-02-05
PRIOR FILING DATE: 2001-02-05
PRIOR FILING DATE: 2001-02-06
PRIOR FILING DATE: 2001-02-16
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.0348
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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                                                                                                         TITLE OF INVENTION: Compounds and Methods for the Modulation TITLE OF INVENTION: Compounds and Methods for the Modulation TITLE OF INVENTION: Of Immune Responses FILE REFERENCE: 11000.1063U SP100.1063U SP2 CURRENT APPLICATION NUMBER: US/10/205,979 CURRENT PILING DATE: 2002-07-25 PRIOR PILING DATE: 2001-07-26 NUMBER OF SEQ ID NOS: 52 SOFTHARE: FastSEQ for Windows Version 4.0 LENGTH: 223
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Publication No. US20040029129A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Mycobacterium vaccae
US-10-205-979-52
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. Zamudio, Carlos
. Malone, Cheryl
. Haselbeck, Robert
. Ohlsen, Kari
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NO 55748
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Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
                            APPLICANT: Watson, James D. APPLICANT: Tan, Paul L. J. APPLICANT: Abernethy, Nevin
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Best Local Similarity 72.2
Matches 26, Conservative
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   GENERAL INFORMATION:
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
OURRENT APPLICATION NUMBER: 08/10/282,122A
CURRENT FILING DATE: 2003-02-20
FRIOR APPLICATION NUMBER: 60/191,076
FRIOR PELICATION NUMBER: 60/206,848
FRIOR FILING DATE: 2000-05-23
FRIOR FILING DATE: 2000-05-26
FRIOR FILING DATE: 2000-05-26
FRIOR PELICATION NUMBER: 60/230,335
FRIOR PELICATION NUMBER: 60/230,335
FRIOR FILING DATE: 2000-09-06
FRIOR FILING DATE: 2000-09-09
FRIOR FILING DATE: 2000-09-09
FRIOR FILING DATE: 2000-09-09
FRIOR PELICATION NUMBER: 60/253,625
FRIOR PELICATION NUMBER: 60/253,625
FRIOR PELICATION NUMBER: 60/253,931
FRIOR FILING DATE: 2000-11-27
FRIOR PELICATION NUMBER: 60/257,931
FRIOR PELICATION NUMBER: 60/267,936
FRIOR FILING DATE: 2001-12-22
FRIOR FILING DATE: 2001-12-22
FRIOR FILING DATE: 2001-02-36
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NUMBER OF SEQ ID NOS: 78614
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                  Length 428;
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                                                                                      Indels
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5; DB 12;
0.012;
ches 6;
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                                                                                                                                                                                                   228 AEAAKKAAAAEKA-AAEKAAAAEKAAADKKAAA 259
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                                                                                                                                                         4 ARAAKKARAAKKARAAKKARAAKKARA 36
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64.7%; Pred. No. 0.012;
tive 0; Mismatches
                                                                                      3; Mismatches
           Score 85.5;
Pred. No. 0.0
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 68109, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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Zhang, Shuguang
Rich, Alexander:
Dibersio, C. Michael
Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCODIC MEMBRANES FORMED BY
THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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CORRESPONDENCE ADDRESS:
ADDRESSER: HAMILION, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
51.2%; Score 83; DB 9; Length 109;
Best Local Similarity 60.0%; Pred. No. 0.0064;
Matches 24; Conservative 4; Mismatches 8; Indels
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APPLICANT: LEVINE, et al.
TITLE OF INVENITON: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771,161A
CURRENT FILING DATE: 2001-01-26
FRIOR APPLICATION NUMBER: 09/774,676
FRIOR APPLICATION NUMBER: 136776
FRIOR APPLICATION NUMBER: 136776
FRIOR APPLICATION NUMBER: 135619
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PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 7
LENGTH: 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 127, Application US/09771161A patent No. US20020110811A1
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Publication No. US20040087013A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
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S-09-816-7958-7-7
Patent No. US20020115103A1
GENERAL INPORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER I RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REPERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
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CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT FILING DATE: 2003-02-20

PRIOR PELING DATE: 2000-03-21

PRIOR PILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-23

PRIOR PILING DATE: 2000-05-23

PRIOR PILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-05-06

PRIOR PILING DATE: 2000-09-09

PRIOR PILING DATE: 2000-09-09

PRIOR PILING DATE: 2000-10-23

PRIOR PILING DATE: 2000-10-23

PRIOR PILING DATE: 2000-11-22

PRIOR PILING DATE: 2001-10-2-16

PRIOR PILING DATE: 2001-02-16

PRIOR PILING D
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 AKKARAAKKARAAKKARAAK 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 84; DB 12;
Pred. No. 0.014;
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                                                                                            Sequence 59321, Application US/10282122A
Sequence 59321, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION
APPLICANT: Malone, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Maschbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Wall, Daniel
APPLICANT: Yellow
A
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US-10-282-122A-59321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 51.9%;
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Best Local Similarity
Matches 24; Conserv
                                                                       US-10-282-122A-59321
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US-09-816-989A-7
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Query Match
Best Local Similarity 50.0%;
Matches 19; Conservative 6
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 11
US-09-816-989A-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      47.2%; Score 76.5; DB 14; Length 217; 59.5%; Pred. No. 0.071;
COUNTRY: U.S.A.

ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PRILICATION NUMBER: US/10/390,472
FILING DATE: 17-Mar-2003
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 60;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
48.8%; Score 79; DB 16;
Best Local Similarity 55.6%; Pred. No. 0.011;
Matches 20; Conservative 5; Mismatches 9
                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US/08/293,284
APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: BROOK, David E.
REGISTRATION NUMBER: 22,592
REPRENCE/DOCKET NUMBER: MIT-6008A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAMA, JUN
APPLICANT: ISHIKAMA, JUN
APPLICANT: SHIRAM, JUN
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SAKKI, YOSHIYUKI
APPLICANT: HATTORI, MASHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERRINCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
PRIOR PILING DATE: 2001-05-30
PRIOR PELING DATE: 2001-05-30
PRIOR PELING DATE: 2001-05-30
PRIOR PELING DATE: 2001-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 10221, Application US/10156761 Publication No. US20030119018A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Streptomyces avermitilis US-10-156-761-10221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (617) 861-9540 INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 60 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 10221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: OMURA, SATOSHI APPLICANT: IKEDA, HARUO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 22; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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Sequence 8, Application US/10240430
; Sequence 8, Application US/10240430
; Publication No. US20040110928A1
; GENERAL INFORMATION:
    APPLICANT: CTISANCI, Andrea
    APPLICANT: Esseghir, Selma
    TILE OF INVENTION: Peptide Conjugates for Drug Delivery
    FILE REPRENCE GAE-6402
; CURRENT APPLICATION NUMBER: US/10/240,430
; CURRENT FILING DATE: 2003-04-15
; PRIOR FILING DATE: 2001-04-12
; PRIOR FILING DATE: 2001-04-12
; PRIOR FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-04-12
; PRIOR FILING DATE: 2000-04-12
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
46.6%; Score 75.5; DB 9;
Best Local Similarity 62.2%; Pred. No. 0.025;
Matches 23; Conservative 2; Mismatches 9;
```

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Publication No. US20040110928A1
GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea
APPLICANT: Crisanti, Andrea
APPLICANT: Crisanti, Selma
TITLE OF INVENTOR: Peptide Conjugates for Drug Delivery
FILE REFERENCE: GUE-6402
CURRENT APPLICATION WUMBER: US/10/240,430
CURRENT APPLICATION WUMBER: US/10/240,430
PRIOR APPLICATION WUMBER: US/001-697
PRIOR APPLICATION WUMBER: UK 0012667.3
PRIOR FILING DATE: 2001-02-02
PRIOR FILING DATE: 2001-04-12
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 130
TYPE: PRT
CRANISM: Home sapiens
US-10-240-430-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 KKARAAKKARAAKKARAAKKARAAK---KARA 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 50.0%;
Matches 19; Conservative
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Best Local Similarity 50.0%; Pred. No. 0.057;
Matches 19; Conservative 6; Mismatches 10; Indels 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
46.6%; Score 75.5; DB 16; Length 66;
Best Local Similarity 50.0%; Pred. No. 0.03;
Matches 19; Conservative 6; Mismatches 10; Indels
                                    Sequence 7, Application US/10240430

| Sequence 7, Application US/10240430
| Publication No. US20040110928A1
| Carleation No. US20040110928A1
| APPLICANT: Crisanti, Andrea
| APPLICANT: Crisanti, Andrea
| TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
| FILE REFERENCE: GJE-6402
| CURRENT APPLICATION NUMBER: US/10/240,430
| CURRENT PILING DATE: 2001-04-15
| PRIOR APPLICATION NUMBER: PCT/GB01/01697
| PRIOR APPLICATION NUMBER: UK 0102667.3
| PRIOR APPLICATION NUMBER: UK 0009080.3
| PRIOR APPLICATION NUMBER: UK 0009080.3
| PRIOR APPLICATION NUMBER: UK 0009080.3
| PRIOR PILING DATE: 2001-02-02
| PRIOR PILING DATE: 2001-03-04-12
| NUMBER OF SEQ ID NOS: 14
| SOFTWARE: Patentin version 3.1
| SEQ ID NO ?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NS-10-155-209-2

Sequence 2, Application US/10262209

Sequence 2, Application Wo. US20030125239A1

GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea
APPLICANT: Esseghir, Selwa
ITILE OF INVENTION: Compositions for Drug Delivery
FILE REFERENCE: GJE-6703
CURRENT APPLICATION NUMBER: US/10/262,209
CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: US/10/667,3
PRIOR PILING DATE: 2002-09-07
PRIOR PILING DATE: 2001-04-12
PRIOR PILING DATE: 2001-04-12
PRIOR PILING DATE: 2001-04-12
PRIOR PILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 2
SOFTWARR: Patentin version 3.1

SENGTH: 130
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US-10-240-430-5
; Sequence 5, Application US/10240430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CRGANISM: Homo sapiens US-10-262-209-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-240-430-7
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Gaps

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Score 75.5, DB 16; Length 130; Pred. No. 0.057; 6; Mismatches 10; Indels 3;

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Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
Ulcerative Colitis, and Clinical Subtypes Thereof, Using
Microbial UC pANCA antigens
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
COMPUTER: IEM PC COMPATIBLE
COMPUTER: DATE:
COMPUTER: DATE:
APPLICATION NUMBER: US/10/229,567
FILING DATE: 27-Aug-2002
CIASSIFICATION: «Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE: «Unknown>
APPLICATION NUMBER: US 09/041,889
FILING DATE: «Unknown>
APPLICATION NUMBER: US 09/041,889
FILING DATE: «CURNOWN>
ATTORNSY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: Callfornia
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
                       Sequence 4, Application US/10229567
Publication No. US20030092080A1
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS
US-10-229-567-4
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TYPE: amino acid

TOPOLOGY: linear

TOPE: aminor

TOPOLOGY: linear

TOPOLOGY: linear
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Search completed: August 17, 2004, 17:19:16 Job time : 56.7624 secs

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23619, A
221489, A
221489, A
220468, A
220468, A
117, A
118611, 
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                       Sequence
Seq
                                                                                                                                                                                                                                                                                                                                                              Sequence
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Pred. No. 0.075;
0; Mismatches 3; Indels
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WESUNIT I

WESUNIT I

SEQUENCE 9, Application US/08660592

SEQUENCE 9, Application US/08660592

SEQUENCE 9, Application US/08660592

SEQUENCE SEQUENCES:

APPLICANT: BOREL, Michael

TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES

NUMBER OF SEQUENCES: 11

CORRESSEE: BURNS, DOANE, SWECKER & MATHIS

STREET: VITGINIA

STREET: PALENTIN BATH

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER READABLE PARENTIN Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: 39,300

REFERENCE POCKET NUMBER: 39,300

REPERENCE POCKET NUMBER: 39,300

TELEPHONE: (703) 836-6620

TELEPHONE: (703) 836-6221

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTER/STICS:

LENGTH: 21 amino acids

WANTE: MATHORMATION:

TELEPHONE: CHARACTER/STICS:

LENGTH: 21 amino acids
US-09-252-991A-23619
US-09-252-991A-20284
US-09-252-991A-20284
US-09-252-991A-20284
US-09-252-991A-22491
US-09-489-033A-12347
US-08-436-703B-1347
US-08-436-703B-1347
US-09-252-991A-32618
US-09-252-991A-32618
US-09-252-991A-32618
US-09-252-991A-23675
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 67.5%;
80.0%;
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ARRAAARAARRAAAR 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 67.5
Best Local Similarity 80.0
Matches 12, Conservative
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MOLECULE TYPE: peptide
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  STRANDEDNESS:
  US-08-660-592-9
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Sequence 26537, A
Sequence 28125, A
Sequence 28125, A
Sequence 17011, A
Sequence 22267, Sequence 22267, A
Sequence 22267, A
Sequence 23412, A
Sequence 23412, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9, Appli
Sequence 7, Appli
Sequence 28327, A
                                                                                                                                                August 17, 2004, 15:50:03; Search time 7.9604 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GenCore version 5.1.6
(c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-660-592-9
US-09-166-930A-7
US-08-660-592-1
US-08-660-592-1
US-09-166-930A-1
US-09-252-991A-23880
US-09-252-991A-23880
US-09-252-991A-23196
US-09-252-991A-23196
US-09-252-991A-23196
US-09-252-991A-23196
US-08-660-592-8
US-08-660-592-8
US-09-166-930A-2
US-09-166-930A-11500
US-09-166-930A-11500
US-09-166-930A-11500
US-09-166-930A-11500
US-09-252-991A-28125
                                                                                                                                                                                                                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                      389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                          protein search, using sw model
                                                                                                                                                                                                                                                                                                                                 BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                       1 ARRKAARAARRKACRA 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         length: 0
length: 2000000000
                                                                                                                                                                                                                                   US-09-496-391-35
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Match Length
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Perfect score:
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Maximum DB seq
                                                                                                                                                                                                                                                                                                                                    Scoring table:
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                                                                                                                                                                                                                                                                                         Sequence:
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                                                                                                                                                       Run on:
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No.
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CORRESPONDENCE ADDRESS:
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Best Local Similarity
Matches 11; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     amino acid
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Ratent No. 6551795
GRNERAL INFORMATION:
APPLICANT: Marc J.
APPLICA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ) OTHER INFORMATION: Description of Artificial Sequence:branched-chain ) OTHER INFORMATION: heparin-binding peptide Arg Helix #5 US-09-166-930A-7
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Pred. No. 7.3;
1; Mismatches 3; Indels
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                                                                                                                                            GENERAL INFORMATION:
APPLICANT: HARRIS Robert B.
APPLICANT: SOBEL, Michael
APPLICANT: SOBEL, Michael
APPLICANT: SOBEL, Michael
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REPERENCE: 066338-006
CURRENT APPLICATION NUMBER: US/09/166,930A
CURRENT FILING DATE: 1998-06-11
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 7
LENGTH: 21
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PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 28327
LENGTH: 743
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Patent No. 2877153
GENERAL INFORMATION:
APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN
NUMBER OF SEQUENCES: 11
                                                                                   Sequence 7, Application US/09166930A Patent No. 6200955
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US-09-252-991A-28327
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Best Local Similarity 71.49
Matches 10, Conservative
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                 SULT 2
-09-166-930A-7
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSE: BURNS, DOANE, SWECKER & WATHIS
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Viginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660,592
FILING DATE: 11-UNN-1996
CLASSIFICATION: 514
COUNTRY: DOANE, SWECKER & MATHIS STREET: P.O. Box 1404

STREET: P.O. Box 1404

CITY: Alexandria STRAE: Virginia STRAE: Virginia STRAE: Virginia STRAE: United States

ZIP: 2213-1404

COMPUTER: LIBM PC COMPATIBLE COMPUTER: IBM PC COMPATIBLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA: APPLICATION NATA: APPLICATION STATE TOWN WHARE: (703) 836-620

TELEPHONE: (703) 836-620

TELEPHONE: (703) 836-2021

INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 47; DB 2;
Pred. No. 0.38;
0; Mismatches
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NAME: MGGWALD, MAICOLM K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 0063:
TELECOMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFRAX: (703) 836-2021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-660-592-6
; Sequence 6, Application US/08660592
; Patent No. 5877153
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84.6%;
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MOLECULE TYPE: peptide
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RESULT 9
US-09-252-991A-23136
Squence 23196, Application US/09252991A
Squence 23196, Application US/09252991A
Squence 23196, Application US/09252991A
Squence 23196, Application US/09252991A
Squence 23196, Application Squence Squen
                                                                                                                                                                                                                                                                                                                           Sequence 23880, Application US/09252991A

Sequence 23880, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ASERGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PLING DATE: 1999-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 23880

LENGTH: 133
                                                                       Gaps
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      DB 4; Length 358;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 133
                                                                       3; Indels
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                                                                       1; Mismatches
         Score 47;
Pred. No.
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ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-23880
         61.0%;
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Query Match
Best Local Similarity 71.44
Matches 10; Conservative
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Best Local Similarity 64.3
Matches 9; Conservative
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Matches 10; Conservative
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US-09-252-991A-23880
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US-09-252-991A-28696
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APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: 10716,136

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 30170
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                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence:branched-chain OTHER INFORMATION: heparin-binding peptide Arg Helix #2
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                                                                                                                                                                                                                                                                                 DB 2; Length 19;
                                                                                                                                                                                                                                                                                                                                           2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 47; DB 3; Length 19;
Pred. No. 0.38;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INCORNATION:
APPLICANT: HARRIS, Robert B.
APPLICANT: HARRIS, Robert B.
APPLICANT: BOBEL, Michael
ITTLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REPERENCE: 006338-006
CURRENT FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: US 08/660,592
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PALENTI Ver. 2.0
SEQ ID NO I
                                                                                                                                                                                                                                                                              Score 47; DB 2
Pred. No. 0.38;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09166930A Patent No. 6200955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                 61.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 84.6%;
Matches 11; Conservative
                                                          LENGTH: 19 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                      1 ARRKAARAARKA 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ARRAAARAARRAA 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 ARRKAARAARRKA 13
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                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                        11; Conservative
   INFORMATION FOR SEQ ID NO:
                                                                                                                                                  TOPOLOGY: linear y MOLECULE TYPE: peptide US-08-660-592-6
                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 11; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: Pseudo
US-09-252-991A-30170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-166-930A-1
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                                                       LENGTH:
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57.1%; Score 44; DB 2; Length 16; 90.9%; Pred. No. 0.91; Live 0; Mismatches 1; Indels
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VESCULATE OF SECONDERS

VESCULAR SOURCES

SEQUENCE 3, APPLICATION SOURCES

PRETENT NO SETTIS.

APPLICANT: HARRIS, ROBERT B.

APPLICANT: SOBEL, Michael

TITLE OF INVENTION:

STREET: P.O. Box 1404

CITY: Alexandria

STREET: P.O. Box 1404

COUNTRY: United States

ZIP: 22313-140 PORM:

MEDIUM TYPE: Floppy disk

COUNTRY: United States

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DESTERMINE OF SOBERATION STATES

CURRENT APPLICATION NUMBER: US/08/660,592

FILING DATE: 11-UN-1996

CURRENT APPLICATION NUMBER: US/08/660,592

FILING DATE: 11-UN-1996

CURRENT APPLICATION NUMBER: US/08/660,592

FILING DATE: 11-UN-1996

CEREFRANCE CHARACTERISTICS:

TELEPHONE: (703) 836-620

TELEPHONE: (703) 836-620

TELEPRAY: 16 amino acids

TYPE: amino acids
                                                                     COMPUTER READABLE FORM:
MEDIUW TYPE: FORDAY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATONIN PC-DOS/MS-DOS
SOFTWARE: PATONIN PATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660,592
FILING DATE: 11-JUN-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MCGAMAN, MAIOOLM K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 30,300
REFERENCE/DOCKET NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 39,30
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 90.9
Matches 10, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , MOLECULE TYPE: peptide US-08-660-592-2
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                                                                                                APPLICANT: MATC J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR PELICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 28896
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: MACC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 10.1166.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR RILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 33.08
LENGTH: 464
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Patent No. 5877153

GENERAL INFORMATION:
APPLICANT: BARRIS, Robert B.
APPLICANT: BOBEL, Michael
ITITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: P.O. Box 1404
CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3; Mismatches
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   Sequence 28696, Application US/09252991A Patent No. 6551795
GENERAL INFORMATION:
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-33108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 ARRKAARAARRKACRA 16
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15 RRRSRSARRCACEA 29
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Best Local Similarity
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US-08-660-592-2
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DOANE, SWECKER & MATHIS

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Search completed: August 17, 2004, 16:14:32 Job time : 13.9604 secs
               CORRESPONDENCE ADDRESS
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                                                                                                                                                                                     Score 44; DB 2; Length 16;
Pred. No. 0.91;
0; Mismatches 1; Indels
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Sequence 79.2-7.

Sequence 70.2-7.

Retent No. 5977153

Retent No. 5977153

Retent No. 5977150

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Sequence 8, Application US/08660592

Patent No. 5877101

PAPLICANT: HARRIS, Robert B.
APPLICANT: APPLICANT: AAPLICANT: APPLICANT: APPLICANT: APPLICANT: ANOWEL HEPARIN BINDING PEPTIDES NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
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90.9%;
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INFORMATION FOR EDG ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TYPE: amino acid
                                                                                                                                                                                 Query Match
Best Local Similarity 90.9
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 90.9
Matches 10; Conservative
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-660-592-3
                                                                                                                                                                                                                                                                                                                                       1 ARRKAARAARR 11
                                                                                                                                                                                                                                                                                                                                                                                                              5 ARRAAARAARR 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
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US-08-660-592-7
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Gaps
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Pred. No. 0.91;
0; Mismatches 1; Indels
ADDRESSE: BURNS, UDANE, SWECKER & MAIHLS
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 2213-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
COMPUTER: BEAFC compatible
COMPUTER: IBM FC compatible
COMPUTER: IMP FC compatible
COMPUTER: IMP FC compatible
COMPUTER: IMP FC compatible
COMPUTER: IMP FC compatible
CURRENT APPLICATION NUMBER: US/08/660,592
FILING DATE: 11-7UN-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MCGOWAN, MAICOLM K,
REFERENCE/DOCKET NUMBER: 39,306
TELEDPHONE: (703) 836-620
TELEDPHONE: (703) 836-620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    57.1%;
90.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 16 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 57.1
Best Local Similarity 90.9
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ) TOPOLOGY: linear

/ MOLECULE TYPE: peptide

US-08-660-592-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 ARRKAARAARR 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: si:
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August 17, 2004, 16:06:45 , Search time 25.2277 Seconds (without alignments) 199.100 Million cell updates/sec
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1: \cgn2_6/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*
2: \cgn2_6/ptodata/1/pubpaa/PCT NEW PUB.pep:*
3: \cgn2_6/ptodata/1/pubpaa/PCT NEW PUB.pep:*
4: \cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*
5: \cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*
5: \cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB.pep:*
6: \cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*
7: \cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*
8: \cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*
9: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
10: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
11: \cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*
11: \cgn2_6/ptodata/1/pubpaa/USO9_NEW PUB.pep:*
13: \cgn2_6/ptodata/1/pubpaa/USO9_NEW PUB.pep:*
14: \cgn2_6/ptodata/1/pubpaa/USO9_NEW PUB.pep:*
15: \cgn2_6/ptodata/1/pubpaa/USIOA_PUBCOMB.pep:*
16: \cgn2_6/ptodata/1/pubpaa/USIOA_PUBCOMB.pep:*
16: \cgn2_6/ptodata/1/pubpaa/USIOA_PUBCOMB.pep:*
16: \cgn2_6/ptodata/1/pubpaa/USIOA_PUBCOMB.pep:*
17: \cgn2_6/ptodata/1/pubpaa/USIOA_PUBCOMB.pep:*
18: \cgn2_6/ptodata/1/pubpaa/USIOA_PUBCOMB.pep:*
19: \cgn2_6/ptodata/1/pubpaa/USIOA_PUBCOMB.pep:*
11: \cgn2_6/ptodata/1/pubpaa/USIOA_PUBCOMB.pep:*
12: \cgn2_6/ptodata/1/pubpaa/USIOA_PUBCOMB.pep:*
13: \cgn2_6/ptodata/1/pubpaa/USIOA_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1292805 seqs, 313927144 residues
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## Sequence 7651, Ap Sequence 3, Appli Sequence 193124, Sequence 150694, Sequence 65262, A Sequence 65262, A Sequence 45695, A Sequence 45600, A Sequence 62125, A Sequence 62126, A Sequence 62127, A Sequence 148098, Sequence 39, Appl Sequence 58, Sequence 55, Description US-10-369-493-7651 US-09-905-691-3 US-10-437-963-1593124 US-10-282-122A-65262 US-09-905-691-1 US-10-282-122A-46605 US-10-282-122A-46605 US-10-425-114-62125 US-10-425-14-62125 US-10-425-14-62125 US-10-425-14-62125 US-10-425-14-62125 SUMMARIES Query Match Length DB Score Result

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## ALIGNMENTS

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Sequence 7651, Application US/10369493
; Bublication No. US2003023367541
; GENERAL INPORMATION:
    APPLICANT: Cao, Yongwei
    APPLICANT: Galdman, Barry S.
    APPLICANT: Chen, Xianfeng
    TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROPERTIES
; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; FILE REFERENCE: 38-10 (52022)8
; CURRENT APPLICATION NUMBER: US 40/360,039
; PRIOR FILING DATE: 2003-02-28
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 7651
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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62.3%; Score 48; DB 15;
Best Local Similarity 68.8%; Pred. No. 49;
Matches 11; Conservative 2; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
NAME/FEX: unsure
NAME/FEX: (1). (565)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Burkholderia cepacia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    367 ARR--RAARRGCRA 380
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JS-10-369-493-7651
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N RESULT

Вb

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APPLICANT: Barbazuk, Brad Applicant: Barbazuk, Brad Applicant: Barbazuk, Brad Applicant: Li, Ping Applicant: Li, Ping Applicant: Li, Ping TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21/53221)B CURRENT APPLICATION NUMBER: US/10/437,963 CURRENT FILING DATE: 2003-05-14 NUMBER OF SEQ ID NOS: 204966 SEQ ID NOS: 204966 LENGTH: 396
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Carr, Grant
APPLICANT: Carr, Grant
APPLICANT: Carr, Grant
APPLICANT: Yamanoco, Robert
APPLICANT: Yamanoco, Robert
APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
TITLE OF INVENTION: 1001,078
TITLE OF INVENTION UNMERS: US/10/282,122A
CURRENT APPLICATION UNMERS: US/10/282,122A
CURRENT APLICATION UNMERS: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-10-22
PRIOR PILING DATE: 2000-10-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 58.4%; Score 45; DB 16; Length 396; Best Local Similarity 57.1%; Pred. No. 96; Matches 8; Conservative 4; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: unsure;
COCATION: (1)..(396)
OTHER INFORMATION: unsure at all Xaa locations
FARTURE:
CARTURE:
CHER INFORMATION: Clone ID: PAT_MRT4530_50908C.1.pep
US-10-437-963-150694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 65262, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Malone, Cheryl
APPLICANT: Malone, Cheryl
APPLICANT: Alone, Carlos
APPLICANT: Alone, Carlos
APPLICANT: Olsen, Kari
APPLICANT: Cyskind, Judith
APPLICANT: Tawick, John
APPLICANT: Trawick, John
APPLICANT: Tawick, John
APPLICANT: Tamick
APPLICANT: Yamanoto, Robert
                                                                                               Wu, Wei
Boukharov, Andrey A.
Kovalic, David K.
Zhou, Yihua
Cao, Yongwei
Wu, Wei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |||:|| ::||: |
95 ARRRASSSRRRC 108
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-282-122A-65262
                                                          APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Barbauk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5321)B
CURRENT APPLICATION NUMBER: US/10/437,963
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 193124
LIBRICH: 303
US-09-905-691-3
; Sequence 3, Application US/09905691
; Publication No. US20020164329A1
; GENERAL INFORMATION:
; APPLICANT: Harris, Robert B.
; APPLICANT: Wolz, Raussell L.
; APPLICANT: Wolz, Gabriella
; TITLE OF INVENTION: ABsorption and Removal of Endotoxin from Physiological
; TITLE OF INVENTION: Absorption and Removal of Endotoxin from Physiological
; TITLE OF INVENTION: Fluids Using Cationic Helix Peptides
; FILE REFERENCE: 006338-017
; CURRENT FILING DATE: 2001-02-14
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSEQ for Windows Version 4.0
; SED ID NO 3
; LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 61.0%; Score 47; DB 12; Length 19; Best Local Similarity 84.6%; Pred. No. 3.1; Matches 11; Conservative 0; Mismatches 2; Indels
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Sequence 193124, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
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Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ), OTHER INFORMATION: Arginine Helix #2
US-09-905-691-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | |: |||| ::|||
264 ASRRGRAARGRSCRA 279
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ORGANISM: Artificial Sequence
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Best Local Similarity 56.2
Matches 9; Conservative
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ORGANISM: Oryza sativa
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US-10-437-963-150694
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RESULT 8
US-10-282-122A-46600
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Sequence 1, Application No. US20020164329A1

GENERAL INFORMATION:

APPLICANT: Harris, Robert B.

APPLICANT: Wolz, Russell L.

APPLICANT: Wolz, Gabriella

TITLE OF INVENTION: Adsorption and Removal of Endotoxin from Physiological

TITLE OF INVENTION: Adsorption and Removal of Endotoxin from Physiological

TITLE OF INVENTION: Pluids Using Cationic Helix Peptides

FILE REFERENCE: 006338-017

CURRENT APPLICATION NUMBER: US/09/905,691

CURRENT FILING DATE: 2001-02-14

NUMBER OF SEQ ID NOS: 5 201-02-14

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 1

LENGTH: 16
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION UMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 65262
LENGTH: 1593
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                                                                                                                                                                                                                                                                                                              1; Indels
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Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
; OTHER INFORMATION: Arginine Helix #3
US-09-905-691-1
                                                                                                                                                                        ; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-282-122A-65262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ohlsen, Kari
Syskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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1165 AKRKAAESAKRKA 1177
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Best Local Similarity 90.9
Matches 10; Conservative
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US-10-282-122A-45695
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APPLICANT:
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APPLICANT: Forsyth, R.
APPLICANT: Forsyth, R.
APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/1204, 98
PRIOR PILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-36
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
PRIOR PILING DATE: 2000-09-09
PRIOR PILING DATE: 2000-09-09
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-03-21
PRIOR PLING DATE: 2000-03-21
PRIOR PLLING DATE: 2000-05-23
PRIOR PLLING DATE: 2000-05-26
PRIOR PLLING DATE: 2000-05-26
PRIOR PLLING DATE: 2000-05-26
PRIOR PLLING DATE: 2000-05-26
PRIOR PLLING DATE: 2000-09-06
PRIOR PLLING DATE: 2000-09-06
PRIOR PLLING DATE: 2000-09-06
PRIOR PLLING DATE: 2000-10-23
PRIOR PLLING DATE: 2000-10-23
PRIOR PLLING DATE: 2000-110-23
PRIOR PLLING DATE: 2000-110-26
PRIOR PLLING DATE: 2010-102-09
PRIOR PLLING DATE: 2010-102-09
PRIOR PLLING DATE: 2010-02-09
PRIOR PLLING DATE: 2010-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR PLING DATE: 2010-02-16
PRIOR PLING
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 44; DB 12;
Pred. No. 30;
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 64.3%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT ORGANISM: Bacillus anthracis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 ARRKAARAARKAC 14
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Yamamoto, Robert
Forsyth, R.
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CURRENT FILING DATE: 2003-04-28 NUMBER OF SEQ ID NOS: 73128 LENGTH: 169
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Best Local Similarity 56.2%
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Best Local Similarity 56.2
Matches 9; Conservative
                                                                                                                                                       TYPE: PRT
ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Zea mays
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US-10-437-963-148098
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SEQ ID NO 148098
                                                                                                                                                                                                                                 FEATURE:
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Sequence 62125, Application US/10425114

Publication No. US20040034888A1

GENERAL INFORMATION:

APPLICANT: Zhou, Yihua

APPLICANT: Screen, Steven E

APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: Screen, Steven E

APPLICANT: Tabaska, Jack E

APPLICANT: Screen, Steven E

APPLICANT: Tabaska, Jack E

APPLIC
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Sublication No. US20040034888A1

GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: Soven, Yihua
APPLICANT: Screen, Steven E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53313) B
CURRENT APPLICATION NUMBER: US/10/425,114
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PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-03-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SEC ID NO 46600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               57.1%; Score 44; DB 12; Length 77; 64.3%; Pred. No. 30;
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US-10-425-114-62125
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Bacillus anthracis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 ARRKAARAARRKAC 14
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Matches 9; Conservative
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APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Zhou, Yihua APPLICANT: Zhou, Yihua APPLICANT: Zhou, Yihua APPLICANT: Kovalic, David K. APPLICANT: Kovalic, David K. APPLICANT: Screen, Steven E APPLICANT: Tabaska, Jack E APPLICANT: Cao, Yongwei TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 62127
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                                                                                        Length 169;
                                                                                                                                               Indels
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; OTHER INFORMATION: Clone ID: LIB3732-053-B9_FLI.pep
US-10-425-114-62126
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US-10-425-114-62127
                                                                                        12;
                                                                                  57.1%; Score 44; DB 56.2%; Pred. No. 61; tive 3; Mismatches
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Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: AROSA, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Boukharov, Andrey A.
APPLICANT: Lay Ping
                                                                                                                                                                                                                                                                                                                                                                                   Sequence 62127, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
                                                                                                                                                                                                  1 ARRKAARAARRKACRA 16
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Gaps

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Length 591;

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Query Match
Best Local Similarity 66.7%; Pred. No. 1.9e+02;
Matches 10; Conservative 1; Mismatches 4
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Publication No. US20030165500A1
GENERAL INFORMATION:
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  ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-847-102A-58
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ORGANISM: Homo sapiens
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US-09-84--102A-58

Sequence 58, Application US/09847102A

Publication No. US20030044409A1

GENERAL INFORMATION:
APPLICANT: Carson, Dennis A.
APPLICANT: Carson, Dennis A.
APPLICANT: Carson, Dennis A.
APPLICANT: APRee, Chae-Seo

APPLICANT: Malini, Sen

TITLE OF INVENTION: IMMUNIOGIC COMPOSITIONS AND METHODS FOR

TITLE OF INVENTION: STUDYING AND TREATING CANCERS EXPRESSING FRIZZLED ANTIGENS

TITLE OF INVENTION: STUDYING AND TREATING CANCERS EXPRESSING FRIZZLED ANTIGENS

TITLE OF INVENTION: 2000-20622.00

CURRENT FILING DATE: 2001-05-01

NUMBER OF SEQ ID NOS: 138

SOFTMARE: FRISEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: University of California
APPLICANT: Carson, Dennis A.
APPLICANT: Carson, Dennis A.
APPLICANT: Carson, Dennis A.
APPLICANT: Carson, Dennis A.
APPLICANT: Roe, Chae-Seo
APPLICANT: Roe, Chae-Seo
APPLICANT: Malini, Sen
TITLE OF INVENTION: IMMUNOLOGIC COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: STUDYING AND TREATING CANCERS EXPRESSING FRIZZLED ANTIGENS
TITLE REFERENCE: 22000-220629.00
CURRENT FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 138
CURRENT FILING DATE: 2001-05-01
NUMBER: FastSEQ for Windows Version 4.0
SEQ ID NO 39
LENGTH: 533
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Best Local Similarity 53.3%; Pred. No. 74;
Matches 8; Conservative 4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 57.1%; Score 44; DB 10; Length 533; Best Local Similarity 66.7%; Pred. No. 1.7e+02; Matches 10; Conservative 1; Mismatches 4; Indels
                                                                                                                                                                                             ) OTHER INFORMATION: Clone ID: PAT_MRT4530_48563C.1.pep
US-10-437-963-148098
                                                                                                                     LOCATION: (1)..(210)
OTHER INFORMATION: unsure at all Xaa locations
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US-09-847-102A-39
US-09-847-102A-39
Sephication US/09847102A
Publication No. US20030044409A1
GENERAL INFORMATION:
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                        TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                  NAME/KEY: unsure
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LENGTH: 210
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LENGTH: 591
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| JAPPLICANT: RICKARALIUN:
| JARDIACANT: Rhee, Chae-Seo
| APPLICANT: Malini, Sen
| APPLICANT: Malini, Sen
| APPLICANT: Wu, Christina
| APPLICANT: Wu, Christina
| APPLICANT: Corr, Maripat
| APPLICANT: Corr, Maripat
| APPLICANT: Carson, Dennis A.
| APPLICANT: The Regents of the University of California
| APPLICANT: The Regents of the University of California
| TITLE OF INVENTION: What and Frizzled Receptors as Targets for Immunotherapy
| TITLE OF INVENTION: Multiple Carson of CURRENT APPLICATION NUMBER: US/10/285,976
| CURRENT APPLICATION NUMBER: US 60/287,995
| PRIOR PELING DATE: 2001-05-01
| PRIOR APPLICATION NUMBER: Wo PCT/US02/13802
| PRIOR APPLICATION NUMBER: Wo PCT/US02/13802
| PRIOR APPLICATION NUMBER: US/10-05-01
| PRIOR APPLICATION NUMBER: Sold-05-01
| PRIOR APPLICATION NUMBER: Sold-05-01
| PRIOR APPLICATION NUMBER: Sold-05-01
| PRIOR APPLICATION NUMBER: Wo PCT/US02/13802
| PRIOR APPLICATION NUMBER: Sold-05-01
| PRIOR APPLICATION NUMBER: Wo PCT/US02/13802
| PRIOR APPLICATION NUMBER: Sold-05-01
| PRIOR APPLICATION NUMBER: Wo PCT/US02/13802
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: human frizzled9 (Fzd9)
US-10-285-976-55
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Job time : 27.2277 secs
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US-09-252-991A-29581
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43, Appl
27, Appl
110, Appl
110, Appl
111, Appl
111, Appl
111, Appl
112, Appl
113, Appl
113, Appl
113, Appl
113, Appl
113, Appl
113, Appl
114, Appl
115, Appl
115, Appl
116, Appl
117, Appl
118, App
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                                                                                                                                                                         August 17, 2004, 15:50:03 ; Search time 11.9406 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Description
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Issued Patents AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
                         GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-252-991A-29581
US-08-834-306-43
US-08-834-306-43
US-08-993-674A-43
US-09-256-976-43
US-09-256-976-43
US-09-216-98-10
US-09-417-264-27
US-09-152-488-10
US-08-303-025-11
US-08-303-025-11
US-08-303-025-11
US-08-303-025-11
US-08-436-7038-2
US-08-436-7038-2
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US-08-436-7038-2
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US-08-436-7038-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         389414 segs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                             protein search, using sw model
                                                                                                                                                                                                                                                                                   US-09-496-391-36
113
1 ARCAKKRAARAAKKRAARAAKKRA
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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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Match 1
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Maximum DB
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GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
APPLICATION ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS:
TITLE OF INVENTION:
ABELICATION NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS:
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 29581
LENGTH: 407
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85, Appl
7, Appli
12, Appli
14, Appl
12, Appl
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1601, Appli
201, App
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US-08-557-309B-43
Sequence 43, Application US/08557309B
Sequence 43, Application US/08557309B
Sequence 43, Application US/08557309B
Sequence 43, Application US/08557309B
SEQUENCE 47, Security Security Security Security, Yasir A.W.
APPLICANT: Lodes, Michael J.
APPLICANT: Houghton, Raymond L.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND PR NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS: 69
CORRESPONDENCE ADDRESS: 69
CORRESPONDENCE ADDRESS: 69
COMPUTE: Washington
COUNTRY: COMPUTER NEADABLE FORM:
COMPUTER READABLE FORM:
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Pred. No. 0.19;
3; Mismatches 6; Indels
US-09-252-991A-24636
US-08-782-480-85
US-08-782-480-85
US-09-005-167A-85
US-08-60-592-9
US-09-166-930A-7
US-09-252-991A-21847
US-08-152-488-12
US-08-152-488-12
US-08-152-488-12
US-08-152-488-12
US-08-152-488-12
US-08-152-12
US-08-133-025-14
US-08-252-991A-31944
US-09-252-991A-31944
US-09-252-991A-31944
US-09-252-991A-17601
US-09-095-852-91A-17601
US-09-095-852-91A-17601
US-09-095-852-91A-17601
US-09-095-852-91A-17601
US-09-095-852-91A-17601
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228 AEDAKKKAAEDAKKKAAEEAKKKA 251
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ORGANISM: Pseudomonas aeruginosa
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Best Local Similarity 62.5%;
Matches 15; Conservative
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PREVENTION OF T
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                                                                            Gaps
                                                                                                                                                                                                                                                                       Sequence 43. Application US/08993674A
Sequence 43. Application US/08993674A
Batent No. 6228372
GENERAL INFORMATION:
APPLICANT: Red's, Yasir A.W.
APPLICANT: Lodes, Michael J.
APPLICANT: Modplton, Raymond L.
APPLICANT: Mich, John M.
APPLICANT: Mith, John M.
APPLICANT: Monill, Patricia D.
TILLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                         ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .;
0
                         Query Match 53.1%; Score 60; DB 3; Length 186; Best Local Similarity 60.9%; Pred. No. 0.52; Matches 14; Conservative 4; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        53.1%; Score 60; DB 3; Length 186; 60.9%; Pred. No. 0.52;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppdisk
MEDIUM TYPE: Floppdisk
MEDIUM TYPE: Floppdisk
COMPUTER: ISM PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/993,674A
FILING DATE: 18-DEC-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: MAK!, DAVIG J: 31,392
REGISTRATION NUMBER: 31,392
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.422C2
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SC2.4900
TELEFEXX: (206) 622-6031
THEREFAX: (206) 622-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                     Sequence 43, Application US/09256976; Patent No. 6419933 (GENERAL INPORMATION: APPLICANT: Reed, Steven G. APPLICANT: Skeiky, Yasir A.W. APPLICANT: Houghton, Raymond L. APPLICANT: Smith, John M.
                                                                                                                            2 RCAKKRAARAAKKRAARAAKKRA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 43: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 186 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 60.9
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Seattle
STATE: Washington
COUNTRY: USA
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TOPOLOGY:
US-08-993-674A-43
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US-09-256-976-43
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Patent No. 6054135
GENERAL INFORMATION
GENERAL INFORMATION
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Lodes, Michael J.
APPLICANT: Houghton, Raymond L.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND NUMBER OF SEQUENCES: 65
CORRESPONDENCE SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              53.1%; Score 60; DB 2; Length 186; 60.9%; Pred. No. 0.52;
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ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: TEM PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,306
FILING DATE: 15-APR-1997
CLLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 210121.42201
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 682-6031
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
TENTAL 186 amino acids
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OSPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWAREN PC_DOS/MS-DOS
SOFTWAREN PAPLICATION DATA:
APPLICATION NUMBER: US/08/557,309B
FILING DATE: US/08/557,309B
FILING DATE: US/08/557,309B
FILING DATE: US/08/557,309B
FILING MAKI, DAVIG JS
ATTORNEY/AGENT INFORMATION:
NAME: MAKI, DAVIG J.
REGISTRATION NUMBER: 31,392
REGISTRATION NUMBER: 31,392
REGISTRATION NUMBER: 31,392
REGISTRATION NUMBER: 210121.422
TELEPHONE: (206) 692-4900
TELEPHONE: (206) 692-6031
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LEMGTH: 186 amino acids
TYPE: amino acids
TYPE: ATRANDEDNES:
STRANDEDNES:
STRANDEDNES:
STRANDEDNES:
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TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 60.99
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Seattle
STATE: Washington
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US-08-557-309B-43
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TOPOLOGY:
US-08-834-306-43
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US-08-834-306-43
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108 ASAAKKVAKKAPAKKATKAAKKAA 131
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 27, Application US/09041889

Patent No. 6033864

CENERAL INFORMATION:

PAPPLICANT: Braun, Jonathan

APPLICANT: Cohavy, Offer

TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using TITLE OF INVENTION: Microbial UC pANCA antigens

NUMBER OF SEQUENCES: 41

CORRESPONDENCES: 41

CORRESPONDENCES: Antigens ADDRESS:

ADDRESSEE: Campbell & Flores LLP

STREET: 4370 La Jolla Village Drive, Suite 700
APPLICANT: McNeill, Patricia D.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND PREVENTION
TITLE OF INVENTION: OF T. CRUZI INFECTION
FILE REFERENCE: 210121.422C3
CURRENT PEPLICATION NUMBER: US/09/256,976
CURRENT FILING DATE: 1999-02-24
NUMBER OF SEQ ID NOS: 95
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 43
LENGTH: 186
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                                                                                                                                                                                                                                                                                                               DB 4; Length 186;
                                                                                                                                                                                                                                                                                                                                                            5; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
                                                                                                                                                                                                                                                                                                               Score 60; DB 4;
Pred. No. 0.52;
4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION NATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
BLING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Carbryn A.
REGISTRATION NUMBER: 31,815
REPERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 P-PM 3006
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (619) 535-9001
TELEPAX: (619) 535-901
INFORMATION FOR SEQ ID NO: 27
SEQUIENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 60.9%;
Matches 14; Conservative
                                                                                                                                                                                                                                                i ORGANISM: Trypanosoma cruzi
US-09-256-976-43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 13; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-041-889-27
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Sequence 27, Application US/09417264

Patent No. 6537768

GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Chavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES:
ADDRESSEE: Campbell & Flores LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0
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US-080-152-488-10

Sequence 10. Application US/08152488

Sequence 10. Application US/08152488

Sequence 10. 5534619

GENERAL INFORMATION:

APPLICANT: Wakefield, Thomas W.

APPLICANT: Andrews, Philip C.

APPLICANT: Stanley, James C.

TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLES OF INVENTION: ANTICOAGULATION REVERSAL

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Benita J. Rohm, Esq.
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER FEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEN C. Compatible
COMPUTER: PROPER FOLDS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION
APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
                                                                                                                                                                                      COUNTRY: USA

COUNTRY: USA

COUNTRY: USA

MPTIME: 92122
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match

48.7%; Score 55; DB
Best Local Similarity 54.2%; Pred. No. 2.6;
Matches 13; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY AGENT INFORMATION:
NAME: Cambell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
INFORMATION FOR SEQ 19
INFORMATION FOR SEQ 10 NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          108 ASAAKKVAKKAPAKKATKAAKKA 131
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512 Springfield Avenue
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Length 29;
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APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESSEE: Benita J, Rohm, Esq.
ADDRESSEE: Benita J, Rohm, Esq.
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
ZIP: 48226-4415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44MD
COMPUTER: MordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
46.9%; Score 53; DB 1;
Best Local Similarity 53.8%; Pred. No. 0.72;
Matches 14; Conservative 5; Mismatches
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CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US92/06829

FILING DATE: 14-AUG-1992

APPLICATION NUMBER: US 08/152,488

"""MA DATE: 12-NOV-1993
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                                                                                                                                                                                                    REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
TELEFAX: 908-276-3344
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYDER: AMINO acids
                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROAm, Benita J.
REGISTRATION NUMBER: 28,664
                      US/08/152,488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE: N/A

PUBLICATION INFORMATION:

DOCUMENT NUMBER: PCT/US92/08069

FILING DATE: 14-AUG-1993

US-08-152-488-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 10, Application US/08303025 Patent No. 5614494
                                        12-NOV-1993
N: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: peptide ORIGINAL SOURCE: DRABLICATION INVA PUBLICATION: N/A AUTHORS: N/A
                         APPLICATION NUMBER:
FILING DATE: 12-NOV
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    q
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Patent No. 5534619
GENERAL INPORMATION
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
ITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                              COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordberfect 6; ASCII (DOS) Text

CURENT APPLICATION DATA;

APPLICATION NUMBER: US/08/152,488

FILING DATE: 12-NOV-1993

CLASSIFICATION DATA;

APPLICATION NUMBER: PCT/US92/08069

FILING DATE: 14-NOV-1993

ATTORNEY/AGENT INFORMATION:

NAME: ROHM, Benita J.

REGISTRATION NUMBER: 28,664

REFERENCE/DOCKET NUMBER: RM-7WG

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 908-776-3344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: SIM PC compatible
OPERATIG STERM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 ARCAKKRAARAAK -- KRAARAAKKRA 24
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CITY: Cranford
STATE: New Jersey
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: New Jersey
COUNTRY: United States of America
ZIP: 07016-1811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS: LENGTH: 29 amino acids TYPE: amino acids STRANDEDNESS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PUBLICATION INFORMATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: N/A TOPOLOGY: N/A MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AUTHORS:
TITLE: N,
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CENERAL INFORMATION:
APPLICANT: MARAETION:
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
NUMBER OF SEQUENCES: 16
CORRESSEE: Benita J. Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STREET: Michigan
COMPUTRY: United States of America
ZIP: 4025-4415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC COMPATA:
MEDIUM TYPE: Ploppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC COMPATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFTCATION NUMBER: US/08/303,025
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROACH NUMBER: VINDOMER: NORMATE: NORMATION:
NAME: ROACH NUMBER: APPLICATION BATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROACH NUMBER: APPLICATION
NUMBER: ROACH NUMBER: APPLICATI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARCAKKRAARAAK - - KRAARAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 AKKAAKKAKKAKKAAKKAK 27
                                                                                                                                                                                                                                              ; TITLE: N/A;
; DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 13, Application US/08303025
Patent No. 5614494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-496-7622
TELEFAX: 313-496-8454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 13: SEQUENCE CHARACTERISTICS: LENGTH: 29 amino acids TYPE: amino acid strandedness: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
                                  STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
          amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-303-025-13
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Best Local Similarity 53.8%; Pred. No. 0.72;
Matches 14; Conservative 5; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: ALGARDEY, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSER: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTY: Detroit
STATE: Michigan
COUNTY: Detroit
STATE: Michigan
COUNTY: United States of America
ZIP: 48226-4415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: Floppy diskette 3.5" 1.44Mb
COMPUTER: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 194-AUG-1992
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INPORMATION:
NAME: ROHM, Benita J.
REBERBUCKS/DOCKET NUMBER: 7WH-060548-00231
TELECOMMUNICATION INFORMATION:
MAME: ROHM, Benita J.
REBERBUCKS/DOCKET NUMBER: 7WH-060548-00231
ATTORNEY/AGENT INFORMATION:

NAME: Rohm, Benita J.

REFERENCE/DOCKET NUMBER:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 313-496-762

TELEFAX: 313-496-8154

INFORMATION FOR SEQ ID NO:

SEQUENCE CHARACTERISTICS:

LENGTH: 29 amino acids

TERNEDEDNESS: N/A

TOPOLOGY: N/A

MOLECULE TYPE: peptide

ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 ARCAKKRAARAK--KRAARAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AKKAAKKAKKAAKKAKKAK 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TITLE: N/A
; DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 11, Application US/08303025; Patent No. 5614494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 313-496-7622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  g
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Gaps
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46.9%; Score 53; DB 1; Length 29;
Best Local Similarity 53.8%; Pred. No. 0.72;
Matches 14; Conservative 5; Mismatches 5; Indels
                                                                                                                                                                              Sequence 11, Application US/08677304
| Patent No. 5731212
| GENERAL INFORMATION: | Application US/08677304
| GENERAL INFORMATION: | APPLICANT: Wakefield, Thomas W. APPLICANT: Stanley, James C. | TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13 CORRESPONDENCE ADDRESS: ADDRESSE: Benita J, Rohm, Esq. STREET: Security of States of America CITY: Cranford STATE: New Jersey COUNTRY: United States of America ZIP: 07016-1811
| COMPUTER READABLE FORM: MS-DOS | OFFENDING SYSTEM: MS-DOS | SOFTWARE: WORDGREFTER: WordPerfect 6; ASCII (DOS) Text ALTHON NUMBER: US/08/677,304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, BENILA J.
REGISTRATION NUMBER: 28,664
                                                      2 AKKAAKKAAKKAKKAAKAA 27
                        1 ARCAKKRAARAAK - KRAARAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 AKKAAKKAKKAKKAKKAKAA 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 11:
SEQUEBNCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: No. 5721212 Relevant
TOPOLOGY: No. 5721212 Relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: RM-7WG
TELECOMMUNICATION: NFORMATION:
TELEPHONE: 908-276-5344
TELEFAX: 908-276-5543
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE: N/A

PUBLICATION INFORMATION:

DOCUMENT NUMBER: PCT/US92/08069;

FILING DATE: 14-AUG-1993
US-08-6777-304-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide ORIGINAL SOURCE: ORGANISM: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                         RESULT 14
US-08-677-304-11
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                                                                                            Query Match 46.9%; Score 53; DB 1; Length 29; Best Local Similarity 53.8%; Pred. No. 0.72; Matches 14; Conservative 5; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 46.9%; Score 53; DB 1; Length 29; Best Local Similarity 53.8%; Pred. No. 0.72; Matches 14; Conservative 5; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                          US-08-677-304-10

Sequence 10, Application US/0867304

Facent No. 5721212

FENERAL INPORMATION:

APPLICANT: Makefield, Thomas W.

APPLICANT: Andrews, Philip C.

TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: ANTICOAGULATION REVERSAL

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Benita J, Rohm, Esq.

STREET: 512 Springfield Avenue

CITY: Cranical
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: New Jersey
COUNTRY: United States of America
ZIP: 7016-181
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION: 530
PRIOR APPLICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGRNT INFORMATION:
NAME: ROUM, Benita 28,664
REGISTRATION NUMBER: 28,664
REGISTRATION NUMBER: 28,664
TELEPHONE: 908-276-3344
TELEPHONE: 908-276-3344
INFORMATION: CRARACTERISTICS:
LENGTH: 29 anino acids
                                                                                                                                                                                          1 ARCAKKRAARAK--KRAARAAKKRA 24
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TOPOLOGY: No. 5721212 Relevant
) DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-13
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FILING DATE: 14-AUG-1993
US-08-677-304-10
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AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE: N/A PUBLICATION:
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ORIGINAL SOURCE:
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                                                                                              Query Match
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Query Match 46.9%; Score 53; DB 2; Length 29; Best Local Similarity 53.8%; Pred. No. 0.72; Matches 14; Conservative 5; Mismatches 5; Indels Y 1 ARCAKKRAARA-KRRA 24

2 AKKAAKKAKKAKKAKKAKKAK 27

Search completed: August 17, 2004, 16:14:37 Job time : 16.9406 secs

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GENERAL INFORMATION

GRENCAL INFORMATION

APPLICANT: Zamadio, Carlos

APPLICANT: Manon, Cheryl

APPLICANT: Malone, Cheryl

APPLICANT: Malone, Cheryl

APPLICANT: Travick, Wohn

APPLICANT: Travick, John

APPLICANT: Vamamoto, Robert

APPLICANT: Vamamoto, Robert

APPLICANT: Vamamoto, Robert

APPLICANT: Travick, John

APPLICANT: Vamamoto, Robert

APPLICANT: Vamamoto, Volume

APPLICANT: Vamamoto, Vamamoto, Carlos

APPLICANT: Vamamoto, Robert

APPLICANT: Vamamoto, Vamamoto, Carlos

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-282-122A-66237
                                                                                                                                                                                                                   August 17, 2004, 16:06:45 ; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NBW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/NSO6_NBW_PUB.pep:*
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7/cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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1 ARCAKKRAARAAKKRAARAAKKRA 24
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                     OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Match Length DB
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Perfect score:
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ALIGNMENTS

Sequence 66237, A Sequence 120, App Sequence 69962, A Sequence 55748, A Sequence 31, Appl Sequence 36, Appl Sequence 36, Appl Sequence 36, Appl Sequence 36, Appl Sequence 33, Appl Sequence 53748, A Sequence 53748, A Sequence 53742, A Sequence 537 US-10-282-122A-66237 US-10-127-022-120 US-10-282-122A-68109 US-10-282-122A-69962 US-10-282-122A-55748 US-10-169-613-13 US-10-393-449-86 US-10-393-449-86 US-10-177-725-86 US-10-177-725-86 US-10-177-725-86 US-10-425-144-69952 US-10-226-07-33 US-10-226-07-33 US-10-226-07-33 US-10-226-114-69952 US-10-282-122A-53342

Seguence 185724,	Sequence 135394,	equence 5651	eguence 2426	equence 6254	equence 6481	equence 27,	equence 7590	18,	equence 16,	equence 54,	equence 104,	equence 54,	104,	equence 53,	equence 1:03,	53,	equence 103,	equence 52,	equence 102,	equence 52,	102	eguence 2693	equence 51,	101	51,	equence 101	equence 47,	ednence		
-10-424-5	0 - 437 - 963 - 1353	.0-425-114-56515	.0-424-599-2426	.0-282-122A-6254	.0-282-122A-6481	.0-229-567-	.0-032-585-7	0 - 169 - 613 - 1	.0 - 390 - 472 - 1	Α.	0-393-449-1	.0-177-725-5	.0-177-725-1	.0-393-449-5	0 - 393 - 449 - 1	.0-177-725-5	0 - 177 - 725 - 1	.0-393-449-5	0-393-449-1	.0-177-725-5	.0-177-725-1	10-424-599-26	0-393-449-5	10-393-449-1	10-177-725-5	10-177-725-1	10-393-449-4	10-393-449	-725-4	
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26	56	56	26	55	55	55	ry Z	53.5	ഗ	53	53	53	23	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	

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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-282-122A-68109
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Fublication No. US20030113742A1

Fublication No. US20030113742A1

Fublication No. US20030113742A1

APPLICANT: Whiteley, Marvin

APPLICANT: Bangera, M. Gita

APPLICANT: Greenberg, Everett Peter

ITILE OF INVENTION: BIOFILM FORMATION

TITLE OF INVENTION: BIOFILM FORMATION

FILE REPERENCE: UIZ-070CP

CURRENT APPLICATION NUMBER: US/10/127,032

CURRENT FILING DATE: 2002-04-19

FRIOR APPLICATION NUMBER: US 60/285,190

FRIOR APPLICATION NUMBER: US 60/285,190

FRIOR APPLICATION NUMBER: US 60/344,142

FRIOR FILING DATE: 2001-04-0

FRIOR FILING DATE: 2001-06-06

SOFTWARE: FastSEQ for Windows Version 4.0

SSEQ ID NO 120
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or FALM.
NUMBER OF SEQ ID NOS: 76614
SOFWARE: Patentin version 3.1
SEQ ID NO 66237
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                                                                                                                                                                                                                                                                                                                                         6; Indels
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Best Local Similarity 62.5%; Pred. No. 0.7;
Matches 15; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                          Score 66; DB Pred. No. 0.7; 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                   168 AEDAKKKAAEDAKKKAAEEAKKKA 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 68109, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
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                                                                                                                                                                                             TYPE: PRT; ORGANISM: Pseudomonas aeruginosa
US-10-282-122A-66237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Pseudomonas aeruginosa
US-10-127-032-120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
                                                                                                                                                                                                                                                                                          58.4%;
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Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 62.5
Matches 15; Conservative
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US-10-282-122A-68109
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US-10-127-032-120
                                                                                                                                                                       LENGTH: 347
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FILE OF INVENTIOUS; IGENTIFICATION OF BESENLIAR CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT FILING DATE: 2003-02-20

PRICR PILING DATE: 2000-03-21

PRICR PLICATION NUMBER: 60/207,727

PRICR PLING DATE: 2000-05-26

PRICR FILING DATE: 2000-09-06

PRICR FILING DATE: 2000-09-06

PRICR FILING DATE: 2000-09-06

PRICR FILING DATE: 2000-10-23

PRICR FILING DATE: 2000-10-23

PRICR FILING DATE: 2000-110-23

PRICR FILING DATE: 2000-110-29

PRICR FILING DATE: 2000-110-29

PRICR FILING DATE: 2001-02-09

PRICR 
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: 60/191,078
PRIOR PELING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-05
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Malone, Cheryl
APPLICANT: Ohlsen, Karibert
APPLICANT: Ohlsen, Kari
APPLICANT: Ohlsen, Kari
APPLICANT: Tyskind, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Gart, Grant
APPLICANT: Carr, Grant
APPLICANT: Wangmandto, Robert
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ORGANISM: Pseudomonas putida
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Matches 15; Conservative
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LENGTH: 428
TYPE: PRT
ORGANISM: Enterobacter cloacae
                                                                                                                   US-10-282-122A-55748
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US-10-169-613-13
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APPLICANT: Joulann, Kari
APPLICANT: Trawick, John
APPLICANT: Yamamcto, Robert
APPLICANT: Yamamcto, Robert
APPLICANT: Yamamcto, Robert
APPLICANT: Yu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034 AS./10/282,122A
CURRENT FILING DATE: 2000-02-20
FRIOR APPLICATION NUMBER: 60/206,848
FRIOR FILING DATE: 2000-05-26
FRIOR APPLICATION NUMBER: 60/207,727
FRIOR APPLICATION NUMBER: 60/207,727
FRIOR APPLICATION NUMBER: 60/207,727
FRIOR PILING DATE: 2000-09-06
FRIOR FILING DATE: 2000-09-06
FRIOR FILING DATE: 2000-09-06
FRIOR FILING DATE: 2000-09-06
FRIOR FILING DATE: 2000-09-09
FRIOR FILING DATE: 2000-01-23
FRIOR FILING DATE: 2000-01-27
FRIOR FILING DATE: 2000-10-23
FRIOR FILING DATE: 2000-11-27
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PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR PELICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR PLILNG DATE: 2001-02-06
PRIOR PLILNG DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PLEEBLIN VERSION 3.1
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SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 56.6%; Score 64; DB 12; Length 336; Best Local Similarity 66.7%; Pred. No. 1.2; Matches 14; Conservative 3; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 55748, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: PRT
; ORGANISM: Pseudomonas syringae
US-10-282-122A-69962
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Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamcto, Robert
Forsyth, R.
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
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Sequence 36, Application US/10393449
; Sequence 36, Application US/10393449
; Publication No. U320030224412A1
; Publication No. U320033224412A1
; GENERAL INFORMATION:
    APPLICANT: Anderson, David
    APPLICANT: Bogenberger, US/10
    APPLICANT: Peele, Beau R.
    APPLICANT: Peele, Beau R.
    ITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT SC
    INTERONY APPLICATION NUMBER: US/10/393,449
    CURRENT FILING DATE: 2003-03-18
    PRIOR APPLICATION NUMBER: US 10/177,225
    PRIOR APPLICATION NUMBER: US 09/415,765
    PRIOR PILING DATE: 1999-10-08
    PRIOR PILING DATE: 1999-10-08
    PRIOR PILING DATE: 1999-10-08
    NUMBER OF SEQ ID NOS: 173
    SOFTWARE: Patentin version 3.1
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                                                           9; Indels
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APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Wikman, Marri
APPLICANT: Wikman, Marri
APPLICANT: Soltsed, Torese
APPLICANT: Yang, Nannan
TITLE OF INVENTION: Methods of peptide preparation
FILE REPERENCE: 1181-258
CURRENT APPLICATION NUMBER: US/10/169,613
CURRENT FILING DATE: 2002-07-18
PRIOR PAPLICATION NUMBER: GB 0005702.6
PRIOR APPLICATION NUMBER: GB 0005702.6
PRIOR APPLICATION NUMBER: GPT/GB99/02851
PRIOR APPLICATION NUMBER: GPT/GB99/02851
PRIOR APPLICATION NUMBER: 1999-08-31
NUMBER OF SEQ ID NOS: 40
SEQ ID NO 13
LENGTH: 21
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  DB 12;
Query Match
54.0%; Score 61; DB
Best Local Similarity 62.5%; Pred. No. 3.7;
Matches 15; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: antimicrobial peptide
                                                                                                                                                                     212 AEAAKKAAQEAEKKAAAEAAKKAA 235
                                                                                                                1 ARCAKKRAARAAKKRA 24
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Publication No. US20030086959A1
GENERAL INFORMATION:
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US-10-17-725-86

US-10-17-725-86

US-10-17-725-86

Sequence 86, Application US/1017725

Publication No. US200301435624

GENERAL INFORMATION:
APPLICANT: Anderson, David
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Begenberger, Jakob M.
APPLICANT: Peele, Beau R.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT SC
FILE REFERENCE: A-66900-4/RMS/AMS
CURRENT FILING DATE: 2002-06-20
PRICA PAPLICATION NUMBER: US 09/415,765
PRICA FILING DATE: 1999-10-08
PRICA FILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 173
SOFTWARR: PAECHLI VERSION 3: 173
SOFTWARR: PAECHLI VERS
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; LOCATION: (37)..(68)
; OTHER INFORMATION: "Xaa" at positions 37-39, 41-43, 45-46, 48-50, 52-53, 55-57, 59-6
; OTHER INFORMATION: 1, 63-64 and 66-68 can be any amino acid
US-10-177-725-86
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51.3%; Score 58; DB 14; Length 104;
Best Local Similarity 60.9%; Pred. No. 2.4;
Matches 14; Conservative 2; Mismatches 7; Indels
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Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: APPLICANT: AVAIDANT:
APPLICANT: APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR FILING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 173
SEQ ID NO 36
LENGTH: 104
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                                                                                                                                                                                                                          TYPE: PRT ORGANISM: Artificial sequence PEATURE: OTHER INFORMATION: Synthetic US-10-177-725-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial sequence
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APPLICANT: Anderson, David
APPLICANT: Anderson, David
APPLICANT: Anderson, David
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Beele, Beau R.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT STILE PEPTICANTON NUMBER: US/10/393,449
CURRENT APPLICANTION NUMBER: US/10/193,449
PRIOR APPLICATION NUMBER: US 10/17,725
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR PILING DATE: 1999-10-08
PRIOR FILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 173
SOFTWARE: PatentIn version 3.1
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COTHER INFORMATION: "Xaa" at positions 37-39, 41-43, 45-46, 48-50, 52-53, 55-57, 59-6
COTHER INFORMATION: 1, 63-64 and 66-68 can be any amino acid
US-10-393-449-86
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Sequence 36, Application US/1017725

Publication No. U520030143562A1

GENERAL INFORMATION:
APPLICANT: Anderson, David
APPLICANT: Begenberger, Jakob M.
APPLICANT: Begenberger Gakob M.
APPLICANT: Begenberger STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT
FILE REFERENCE: A-66900-4(RMS/AMS)
CURRENT APPLICATION NUMBER: US/10/17,725
CURRENT FILING DATE: 2002-06-20
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR FILING DATE: 1999-10-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 86, Application US/10393449
Publication No. US20030224412A1
GENERAL INFORMATION:
                                                                                 TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial sequence
                                                                                                                                                                                   ) OTHER INFORMATION: synthetic US-10-393-449-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: synthetic
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Best Local Similarity
Matches 14; Conserv
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       SEQ ID NO 36
LENGTH: 104
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FILE FOR INVENTION: LOGARITH CARLOL OF ESSENTIAL GENES IN TILLOUS GENES IN TILLE OF THE NOT THE OF TILLE OF THE NOTE: 80/191,078

PRIOR PELICATION NUMBER: 60/201,078

PRIOR FILING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-09

PRIOR PLING DATE: 2000-05-09

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2001-12-22

PRIOR PLING DATE: 2001-02-09

PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PALM.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ITLE OF INVENTION: Identification of Essential Genes in Microorganisms
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 281;
                                                                                                                                                                                                                                                                                                                                                                        ; FEATURE;
; OTHER INFORMATION: Clone ID: UC-ZMROTEOSINTE070B10_FLI.pep
US-10-425-114-69952
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      50.4%; Score 57; DB 12;
56.5%; Pred. No. 8.1;
tive 4; Mismatches 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 53742, Application US/10282122A publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , ORGANISM: Cornyebacterium diptheriae US-10-282-122A-53742
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 RCAKKRAARAAKKRAARKRA 24
                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Zea mays subsp. mexicana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Haselbeck, Robert
Ohlsen, Kari
Zyskind, Judith
Wall, Daniel
Trawick, John
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                              SEQ ID NO 69952
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Sequence 33, Application US/10226007

Sequence 33, Application US/10226007

Bublication No. US20030105277A1

GENERAL INFORMATION

APPLICANT: Morham, Scott

APPLICANT: Zavitz, Kenton

TITLE OF INVENTION: Compositions and Therapeutic Methods for Viral Infection

FILE REPERENCE: 5005.01

CURRENT APPLICATION NUMBER: US/10/226,007

CURRENT FILING DATE: 2002-11-15

PRIOR PILIAGIDATE: 2001-08-21

NUMBER OF SEQ ID NOS: 1673

SOFTWARE: PatentIn version 3.1

LENGTH: 206

LENGTH: 206
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Publication No. US20040034888A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Zhou, Yihua

APPLICANT: Screen, Steven E

APPLICANT: Tabaska, Jack E

APPLICANT: Care, Yongwei

TILLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TILLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TILLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TILLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

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TILLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TILLE OF INVENTION: Nucleic Acid Molecules Associated With

TILLE OF INVENTION: Nucleic Acid Molecules Associated With

TILLE OF INVENTION: Nucleic Acid Molecules Acid Molecules
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 14; Length 206;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Clone ID: PAT_MRT4530_52099C.1.pep
US-10-437-963-152005
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Best Local Similarity 50.0%; Pred. No. 6.1;
Matches 12; Conservative 7; Mismatches
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78 SRQAAQRAARRARRABRRAQRRS 101
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; ORGANISM: human herpesvirus 1
US-10-226-007-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 13
US-10-425-114-69952
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US-10-226-007-33
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RESULT 15
US-10-425-114-37076

US-10-425-114-37076

Sequence 37076, Application US/10425114

Publication No. US20040034888A1

GENERAL INFORMATION:

APPLICANT: Liu, Jingdong

APPLICANT: Zhou, Yihua

APPLICANT: Zhou, Yihua

APPLICANT: Soreen, Serven E

APPLICANT: Cao, Yongwei

TATLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(53313)B

CURRENT APPLICATION NUMBER: US/10/425,114

CURRENT PILLING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

SEQ ID NOS: 73128

SEQ ID NOS: 73128

CURRENT SEQ ID NOS: 73128
90 KAAKKTAKKTAKKVAKKAAKKTA 112
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2 RCAKKRAARAAKRAARAAKKRA 24 | | : | | : | | | | | | 356 RAAAERAQGEARKRAERAAVERA 378

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Query Match

50.4%; Score 57; DB 12; Length 636;
Best Local Similarity 56.5%; Pred. No. 17;
Matches 13; Conservative 4; Mismatches 6; Indels

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0; Gaps

Search completed: August 17, 2004, 17:19:18 Job time : 37.8416 secs

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Sequence 17, Appl
Sequence 5, Appli
Sequence 28465, A
Sequence 32258, A
                                                      August 17, 2004, 15:50:03 ; Search time 8.95545 Seconds (without alignments) 103.766 Million cell updates/sec
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                                                                                                                                                                                                                                                                                  Issued Patents AA:*

'GgDZ_6/ptodata2/jaa/5A_COMB.pep:*
'GgDZ_6/ptodata2/2/jaa/6B_COMB.pep:*
'GgDZ_6/ptodata2/jaa/6A_COMB.pep:*
'GgDZ_6/ptodata2/jaa/6B_COMB.pep:*
'GgDZ_6/ptodata2/jaa/FB_COMB.pep:*
'GgDZ_6/ptodata2/jaa/PCTUS_COMB.pep:*
'GgDZ_6/ptodata2/jaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-252-991A-29158
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US-09-252-991A-29158
US-09-252-991A-21194
US-09-252-991A-21290
US-09-252-991A-21290
US-09-252-991A-21290
US-09-252-991A-26948
US-09-252-991A-26955
US-09-252-991A-26955
US-09-252-991A-26956
US-09-252-991A-26969
US-09-252-991A-2665
US-09-252-991A-26944
US-09-252-991A-26944
US-08-252-991A-26944
US-08-252-991A-26944
US-08-252-991A-26944
US-08-252-991A-32258
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Maximum Match 100%
Listing first 45 summaries
                                      OM protein - protein search, using sw model
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1 ARRAKAARRAKAARCKA 18
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Score Match Length DB
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Perfect score:
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                                                         Run on:
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28 43 50.0 155 4 US-09-252-991A-20099 Sequence 20099, A 3 50.0 197 4 US-09-252-991A-27204 Sequence 27204, A 3 50.0 200 4 US-09-252-991A-27204 Sequence 27204, A 3 50.0 200 4 US-09-252-991A-2767 Sequence 27217, A 3 50.0 200 4 US-09-252-991A-27920 Sequence 27927, A 3 50.0 305 4 US-09-252-991A-27592 Sequence 26224, A 3 50.0 305 4 US-09-252-991A-25699 Sequence 26224, A 3 50.0 306 4 US-09-252-991A-25699 Sequence 26224, A 3 50.0 306 4 US-09-252-991A-25699 Sequence 27927, A 42 48.8 126 4 US-09-252-991A-31292 Sequence 27737, A 48.8 126 4 US-09-252-991A-21981 Sequence 27737, A 44 48.8 126 4 US-09-252-991A-21981 Sequence 27737, A 42 48.8 334 4 US-09-252-991A-21981 Sequence 20302, A 42 48.8 341 4 US-09-252-991A-21981 Sequence 20302, A 44 45 48.8 131 4 US-09-252-991A-20302 Sequence 26696, A 44 45 48.8 131 4 US-09-252-991A-26049 Sequence 26049, A 54 48.8 131 4 US-09-252-991A-26049 Sequence 26049, A 54 48.8 131 4 US-09-252-991A-26049 Sequence 26049, A 54 48.8 131 4 US-09-252-991A-21827 Sequence 26049, A 54 48.8 131 4 US-09-252-991A-21827 Sequence 26049, A 55 48.8 131 4 US-09-252-991A-21827 Sequence 21827, A 55 48.8 131 4 US-09-252-991A-21827
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## ALIGNMENTS

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RESULT 2

US-09-222-991A-24759

Salone 24759

Salone 24759

Salone 24759

Result No. 655195

ABPLICANT NORMATION:

TITLE OF INVENTION:

FILE REFERENCE: 107196 136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT PILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

NUMBER OF SEQ ID NOS: 33142

LENGTH: 488

TEMPER PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 488

TYPE: PRT
                                            Sequence 17602, Application US/09252991A
Sequence 17602, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
MUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PELICATION DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 17602
LENGTH: 162
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | |::||| : ||| |:|
96 AHRSQAARASAAARACRA 113
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RESULT 1
US-09-252-991A-17602
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RESULT 6
US-09-252-991A-24114
US-09-252-991A-24114

| Sequence 24114, Application US/09252991A
| Patent No. 6551795
| GARDERAL INFORMATION:
| APPLICANT MATC J. Rubenfield et al.
| APPLICANT MATC J. Rubenfield et al.
| TITLE OF INVENTION: ARRUGINGSA FOR DIAGNOSTICS AND THERAPEUTICS
| TITLE OF INVENTION: ARRUGINGSA FOR DIAGNOSTICS AND THERAPEUTICS
| FILE REFERENCE: 107196.136
| CURRENT FILING DATE: 1999-02-18
| FRIOR PLING DATE: 1998-02-18
| PRIOR PLING DATE: 1998-07-27
| NUMBER OF SEQ ID NOS: 33142
| SEMICAL OF SEQ ID NOS: 33142
                                                                                                                              GENERAL INFORMATION:
APPLICANT:
MASC J. Rubenfield et al.
APPLICANT:
MASC J. Rubenfield et al.
APPLICANT:
MASC J. RUBENFICANT:
MASC J. RUBENFICANTION:
APPLICANTION:
FILE OF INVENTION:
MASC J. RUBENFICANTION NUMBER:
CURRENT APPLICATION NUMBER:
CURRENT FILING DATE:
1998-02-18
PRIOR FILING DATE:
1998-02-18
PRIOR FILING DATE:
1998-07-27
NUMBER OF SEQ ID NOS:
33142
SEQ ID NO 20193
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| Retent No. 6551795
| Abricant No. 6551795
| APPLICANT: Marc J. Rubenfield et al.
| TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
| TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
| TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
| CURRENT APPLICATION NUMBER: US/09/252,991A
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ed. No. 26;
Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 360;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              54.7%; Score 47; DB 4; 52.9%; Pred. No. 11;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 52.9%; Pred. No. 3
Matches 9; Conservative 5; Mismatch
                              REGULT 5
US-09-252-991A-20193
Sequence 20193, Application US/09252991A
Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT / ORGANISM: Pseudomonas aeruginosa US-09-252-991A-24114
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95 ARRARSRRSAASRRAR 111
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16 RRRSARRPSGCRRCAA 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
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US-09-252-991A-21290
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                                                                                                                                                                                                                                                                                                                                                                                                                PERMEAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1999-02-18
PRIOR PILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-07-78
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 30158
LENGTH: 134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 29365, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
GURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 29565
LENGTH: 213
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                                                                        ch 57.0%; Score 49; DB 4; Length 48B; 1 Similarity 64.7%; Pred. No. 7.5; 11; Conservative 1; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         55.8%; Score 48; DB 4; Length 134; 58.8%; Pred. No. 3;
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                                                                                                                                                                                                                                                                                                                 RESULT 3
US-09-252-991A-30158
; Sequence 30158, Application US/09252991A
; Patent No. 6551795
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24759
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-30158
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US-09-252-991A-29365
                                                                                                                                                                                      2 RRAKAARRAKAARRCKA 18
                                                                                                                                                                                                                             70 RPAAARRAQGRRRCVA 86
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64 ARRCAAARSRAARRAR 80
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44 ARRVRRSRRPAPARRCR 60
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Best Local Similarity 58.8
Matches 10; Conservative
                                                                              Query Match
Best Local Similarity
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RESULT 10
US-09-252-991A-26955
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GESTIAND THROUGHAILON:
APPLICANT: Bestsol-Myers Squibb, Co.
APPLICANT: Bristol-Myers Squibb, Co.
APPLICANT: Brocker, Helmut
APPLICANT: Bloecker, Helmut
APPLICANT: Bloecker, Helmut
APPLICANT: Bloecker, Helmut
APPLICANT: Dougherty, Brian A
APPLICANT: Coldberg, Steven L
APPLICANT: Goldberg, Steven L
APPLICANT: Meiler Gerhard
APPLICANT: Meiler, Joachim
APPLICANT: Meiler, Joachim
APPLICANT: Meiler, Joachim
APPLICANT: Meiler, Uscoping
TITLE OF INVENTION: heteropolyketide compounds
FILE REFERENCE: PCT/US 99/23535
CURRENT APPLICATION NUMBER: US/09/413,814
CURRENT APPLICATION NUMBER: 1999-10-07
EARLIER APPLICATION NUMBER: DE 198 46 493.2
EARLIER FILING DATE: 1999-10-09
SOFTWARE: PatentIn Ver. 2.1
SSQ ID NO 79
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                                       Length 177;
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                                       Query Match 52.3%; Score 45; DB 4; Best Local Similarity 53.3%; Pred. No. 11; Matches 8; Conservative 4; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-26955
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32 ARRARPSASRRSARRCR 48
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, ORGANISM: Sorangium cellulosum
US-09-413-814-79
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18 RESRSCRPARRARKC 32
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US-09-252-9914.29848

US-09-252-9914.29848

Sequence 29848, Application US/09252991A

Sequence 29848, Application US/09252991A

Patent No. 6521795

GENERAL INFORMATION:

APPLICATION:

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 29848

LENGTH: 1774
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US-09-252-991A-18614

US-09-252-991A-18614

Sequence 18614, Application US/0925291A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANTON:

AND HAD AND AND AND AND AND AND AND THERAPEUTICS

TITLE OF INVENTION:

AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION:

AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION:

AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT APPLICATION NUMBER: US/09/252,991A

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 18614

LENGTH: 1007
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53.5%; Score 46; DB 4; Length 1007;
Best Local Similarity 55.6%; Pred. No. 40;
Matches 10; Conservative 0; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 46; DB 4; Length 200;
Pred. No. 8.6;
2; Mismatches 2; Indels
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1996-02-18
; PRIOR FILING DATE: 1996-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 21290
; LENGTH: 200
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CRGANISM: Pseudomonas aeruginosa
US-09-252-991A-18614
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29848
                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 ARRAKAARRAKAARRCKA 18
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Best Local Similarity 69.2%;
Matches 9; Conservative
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Pseudomonas aeruginosa
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ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-22665
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Similarity 47.1%;
8; Conservative
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Best Local Similarity
Matches 8; Conserv
                           GENERAL INFORMATION: APPLICANT: Marc J.
                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Pseudor
US-09-252-991A-18969
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                                                                                                                                                                                                       Sequence 19419, Application US/09252991A

Sequence 19419, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REPERENCE: 10796.136

CURRENT FILING DATE: 1999-02-18

PRIOR PILING DATE: 1998-02-18

PRIOR PLING DATE: 1998-02-18

PRIOR PLING DATE: 1998-02-18

PRIOR PLING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 19419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REPERBNE: 107186.136
CURRENT PAPLICATION NUMBER: US/09/252,991A
CURRENT PILING DATE: 1999-02-18
PRIOR PILING DATE: 1999-02-18
PRIOR PILING DATE: 1998-07-27
NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER: US 60/094,190
NINGER OF SEQ ID NOS: 33142
SEQ ID NO 25392
LENGTH: 156
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              51.2%; Score 44; DB 4; Length 156; 52.9%; Pred. No. 13; tive 3; Mismatches 5; Indels
                         Indels
    Pred. No. 67;
L; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 25392, Application US/09252991A Patent No. 6551795
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13 ARRHSPAARRAPARRACRA 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRI
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pseudomonas aeruginosa
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54 RTARSANSAPAARSCRA
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                              |:||||| ||||
113 ARAARRAPAARR 124
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Best Local Similarity 52.3,
Best Local Similarity
Conservative
                                                                     4 AKAARRAKAARR 15
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                                                                                                                                                                             RESULT 12
US-09-252-991A-19419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-252-991A-25392
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: Pseudor
US-09-252-991A-25392
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US-09-252-991A-18969 ; Sequence 18969, Application US/09252991A

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RESULT 15

US-09-256-991A-22665

J Squence 22665, Application US/09252991A

Retent No. 6551795

GENERAL INFORMATION:

APPLICATION:

TITLE OF INVENTION:

TITLE OF INVENTION:

TITLE OF INVENTION:

CURRENT APPLICATION NUMBER: US/09/25,991A

CURRENT FILING DATE: 1999-02-18

PRIOR PILING DATE: 1999-02-18

PRIOR PILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 216
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: 10.196.136
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR PAPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-02-7
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 18969
LENGTH: 189
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 44;
Pred. No. 1
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August 17, 2004, 16:06:45 ; Search time 28.3812 Seconds (without alignments) 199.100 Million cell updates/sec
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1: /cgn2_6/prodata/1/pubpaa/USO7_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/PCT NEW PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*

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8: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

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13: /cgn2_6/ptodata/1/pubpaa/USO9_NEW PUB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

19: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

19: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
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Gapop 10.0 , Gapext 0.5
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86
1 ARRAKAARRAKAARRCKA 18
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Maximum DB seq length: 2000000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

		de			SUMMARIES	
Result No.	Score	Query Match	o Query Match Length DB	DB	ID	Description
	50	58.1	380	16	US-10-437-963-163328	Sequence 163328,
8	4	57.0	620	9	US-10-437-963-160528	Sequence 160528,
3	48	55.8	1269	16	US-10-437-963-184740	Sequence 184740,
4	47.5	55.2	105	16	US-10-437-963-178731	Sequence 178731,
ເກ	45	52.3	88	16	US-10-437-963-185672	Seguence 185672,
ω	45	52.3	113	16	US-10-437-963-202539	Sequence 202539,
7	45	52.3	213	13	US-10-004-717-21	Sequence 21, App
00	45	52.3	240	16	US-10-437-963-202417	Seguence 202417,
σ	45	52.3	264	16	US-10-437-963-190754	Sequence 190754,
10	45	52.3	289	16	US-10-437-963-190954	Sequence 190954,
11	4.5	52.3	415	16	US-10-437-963-115996	Sequence 115996,
12	45	52.3	670	16	US-10-437-963-190753	Sequence 190753,
13	45	52.3	1504	16	US-10-437-963-189251	Sequence 189251,
14	44	51.2	26	Q	US-09-888-721-2	Sequence 2, Appli
15	44	51.2	26	σ	US-09-888-721-32	Sequence 32, Appl

RESULT 2 US-10-437-963-160528

Sequence 8, Appli Sequence 7, Appli Sequence 5, Appli Sequence 15116, A Sequence 70601, A Sequence 17601, A Sequence 177, Appli Sequence 127, Appli Sequence 127, Appli Sequence 18113, Sequence 18113, Sequence 18113, Sequence 18113, Sequence 18113, Sequence 18113, Sequence 18113, Sequence 1818, Appli Sequence 18113, Sequence 1818, Appli Sequence 1818, Appli Sequenc	Sequence 23, Appl Sequence 23, Appl Sequence 145589, Sequence 57956, A Sequence 56618, A
US-10-240-430-8 US-10-240-430-7 US-10-240-430-7 US-10-240-430-7 US-10-240-430-5 US-10-240-430-5 US-10-240-430-5 US-10-256-200-1 US-10-262-200-1 US-10-277-963-11975-2 US-10-277-963-11975-2	US-10-155 US-10-437-963-1435 US-10-437-963-1435 US-10-425-114-5795 US-10-425-114-5661 US-10-156-761-1206
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## ALIGNMENTS

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RESULT INCRINICATION (1920401233438)

Sequence 163328, Application US/10437963

Sequence 163328, Application US/10437963

Sequence 163328, Application US/040123343A1

Sequence 163328, Application US/04012343A1

Sequence 163328, Application (192040123343A1)

SEQUENT: Cao. Vinas J.

APPLICANT: Every Andrey A.

APPLICANT: Excultance and Context Applicant in the ping of the ping and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Cao. 2003-05-14

SEQ ID NO 163328

SEQ ID NOS: 204966

TYPE: FRT

SEQ ID NOS: 204966

TYPE: FRT

SEATURE:

SEATURE:

COHERY MATCH

SEATURE:

SEATURE:

SEATURE:

MATCHES INVENTION: Clone ID: PAT_MRT4530_62334C.1.pep

Usery Match

SEATURE:

MATCHES INVENTION: Clone ID: Mismatches 4; Indels 0; Gaps 0;

Best Local Similarity 66.7%; Pred. NO. 26;

MATCHES INVENTION: Clone ID: Mismatches 4; Indels 0; Caps O;

DD 20 REAPARARRACRERER(3 4)
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TILE OF INVENTION: Plants and Uses Thereof for Plant Improvement; TILE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With; TILE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With; TILE OF INVENTION: Plants and Uses Thereof for Plant Improvement; FILE REFERENCE: 38-21 (53221) B
; CURRENT PLILICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 178731
LECTH: 105
TYPE. PROPERTY: 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: La Kovalic, David K.
APPLICANT: La Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Bukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Barbazuk, Brad
APPLICANT: Brand Brad
APPLICANT: Brand Brad
APPLICANT: Brand
APPLICANT: Di Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: 1910-1532119
TITLE OF INVENTION: 1030-1632119
CURRENT APPLICATION NUMBER: US,10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 185672
LENGTH: 88
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US-10-437-963-178731
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: unsure
LOCATION: (1)..(105)
OTHER INFORMATION: unsure at all Xaa locations
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OTHER INFORMATION: unsure at all Xaa locations
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
55.2%; Score 47.5; Di
Best Local Similarity 45.8%; Pred. No. 18;
Matches 11; Conservative 4; Mismatches
                                                                                     Sequence 178731, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 185672, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
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13 RRARSGGHGRAAGRRARSRRRCRA 36
                                                                                                                                                                    APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Oryza sativa
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Sequence 160528, Application US/10437963

Publication No. US2004012334341

GENERAL INRORMATION:
GENERAL INRORMATION:
FAPPLICANT: LA Rosa Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Application Vibua
APPLICANT: Application Wei
APPLICANT: Barbazuk, Brad
APPLICANT: Al, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 160528
LENGTH: 620
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CURRENT APPLICATION 10MBER: US/10/437,963

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO 184740
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      57.0%; Score 49; DB 16; Length 620; 55.6%; Pred. No. 56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; FEATURE:
. OTHER INFORMATION: Clone ID: PAT_MRT4530_59799C.1.pep
US-10-437-963-160528
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US-10-437-963-184740
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: (1)..(620)
OTHER INFORMATION: unsure at all Xaa locations
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 184740, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: La Rosa, Thomas J.
APPLICANT: Rovalic, David K.
APPLICANT: Arou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Bubharov, Andrey A.
APPLICANT: Barbazuk, Brad
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 ARRAKAARRAKAARRCKA 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 55.6'
Matches 10; Conservative
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ORGANISM: Oryza sativa
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US-10-437-963-184740
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DB 16; Length 88;

52.3%; Score 45;

Query Match

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APPLICANT: LARORALIDAN:
APPLICANT: ACAULC, David K.
APPLICANT: Sovalic, David K.
APPLICANT: David K.
APPLICANT: David K.
APPLICANT: Cao, Yongwei
APPLICANT: Wi, Wei
APPLICANT: Buckharov, Andrey A.
APPLICANT: Barbaruk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 202417
LENGTH: 240
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APPLICANT: LA KOVALICA.

APPLICANT: LA KOVALICA.

APPLICANT: LA KOVALICA.

APPLICANT: Cao, Vongwei

APPLICANT: Wu, Wei

APPLICANT: Wu, Wei

APPLICANT: Wu, Wei

APPLICANT: Bachazuk, Brad

APPLICANT: Li, Ping

TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(53221)B

CURRENT APPLICATION NUMBER: US/10/437,963

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO 190754
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Gaps
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Pred. No. 85;
3; Mismatches 6; Indels
     Indels
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US-10-437-963-190754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:

NAME/KEY: U.240)

LOCATION: (1)..(240)

OTHER INFORMATION: unsure at all Xaa locations
FEATURE:

CHER INFORMATION: clone ID: PAT_MRT4530_9769C.1.pep
US-10-437-963-202417
     2
     Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 190754, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
                                                                                                                                                                                                                  Sequence 202417, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
     3,
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155 ARRKSPAARHRRSRRCRA 172
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                                                     1 ARRAKAARRAKAARRCKA 18
     10; Conservative
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ORGANISM: Oryza sativa
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ORGANISM: Oryza sativa
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          Matches
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; Sequence 202539, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
    APPLICANT: La Rosa, Thomas J.
    APPLICANT: Applicant Cao, Yihua
    APPLICANT: Cao, Yongwei
    APPLICANT: Boukharov, Andrey A.
    APPLICANT: Brabauk, Brad
    APPLICANT: Li, Ping
    TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
    TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
    TITLE OF INVENTION Plants and Uses Thereof for Plant Improvement
    TURBENT APPLICANTON NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 202539
; LENGTH: 113
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Sequence 21, Application US/10004717

Publication No. US2020192665A1

Sequence 21, Application US/10004717

Publication No. US2020192665A1

Sequence 21, Application No. US2020192665A1

SEQUENCE INFORMATION:

APPLICANT: ZOGHBI, HUDA Y.

APPLICANT: YANG, OI

TITLE OF INVENTION: OSTEOARTHRITS, AND METHODS FOR THE THERAPEUTIC USE OF AN TITLE OF INVENTION: OSTEOARTHRITS, AND ABNORMAL CELL PROLIFERATION OFTEOARTHRITS, AND ABNORMAL CELL PROLIFERATION FILLS OF INVENTION NUMBER: US/10/004,717

CURRENT APPLICATION NUMBER: 00/176,993

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-06-01

PRIOR PLING DATE: 1999-06-01

PRIOR PLING DATE: 1999-06-01

NUMBER OF SEQ ID NOS: 69

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 21

LENGTH: 213

TAPE. DENGTH: 213
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                                   Gaps
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Best Local Similarity 50.0%; Pred. No. 43;
Matches 9; Conservative 3; Mismatches 6; Indels
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                                 4; Indels
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US-10-437-963-202539
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76;
          Pred. No. 34;
3; Mismatches
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Pred. No.
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55.6%;
                                                                                  2 RRAKAARRAKAARRCK 17
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47 RRSRAGRRAGGARRAR 62
          56.2%;
            Best Local Similarity 56.2
Matches 9; Conservative
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ORGANISM: Oryza sativa
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Best Local Similarity
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; ORGANISM: chicken
US-10-004-717-21
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                                   Matches
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Sequence 190753, Application US/10437963
; Sequence 190753, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Zhou, Yihua
; APPLICANT: Zhou, Yihua
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Barbazuk, Brad
; APPLICANT: Brad Bratts and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 190753
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Buukharov, Andrey A.
APPLICANT: Buukharov, Andrey A.
APPLICANT: Buukharov, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(53221)B
CURRENT PLILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
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US-10-437-963-190753
                           ; OTHER INFORMATION: Clone ID: PAT_MRT4530_1953C.1.pep
US-10-437-963-115996
                                                                                                        Query Match 52.3%; Score 45; DB 16; Lo
Best Local Similarity 50.0%; Pred. No. 1.4e+02;
Matches 9; Conservative 3; Mismatches 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: unsure
NOCATION: (1)..(670)
OTHER INFORMATION: unsure at all Kaa locations
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                                                                                                                                                                                                                                              218 ARRESPAARHERSERCEA 235
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                                                                                                                                                                                                                1 ARRAKAARRAKAARRCKA 18
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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        FEATURE:
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION 138-21 (53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 190954
LENGTH: 289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Caro, You's thua
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Barbauuk, Brad
APPLICANT: Barbauuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION NUMBER: US/10/437,963
UURRENT FILING DATE: 2003-65-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO: 15596
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                           52.3%; Score 45; DB 16; Length 264; S0.0%; Pred. No. 92; tive 3; Mismatches 6; Indels
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US-10-437-963-190954
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NAME/KEX: unsure
LOCATION: (1). (415)
OTHER INFORMATION: unsure at all xaa locations
                                                                                                                                                                                                                                                                                                          Sequence 190954, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 115996, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
                                                                                                                                   1 ARRAKAARRAKAARRCKA 18
                                                                                                                                                                                  78 ARRSPAARHRRSRRCRA 95
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                                                                                  Conservative
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ORGANISM: Oryza sativa
Query Match
Best Local Similarity
Lag 9; Conserve
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US-10-437-963-190954
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| Sequence 32, Application US/0988721
| Patent No. US20020132990A1
| Patent No. US20020132990A1
| Patent No. US20020132990A1
| GENERAL INFORMATION:
| APPLICANT: Wils, Pierre
| APPLICANT: Wils, Quan
| APPLICANT: Laurent, Olivier
| APPLICANT: Laurent, Olivier
| APPLICANT: Marasco, Wayne A. |
| APPLICANT: Marasco, Wayne A. |
| APPLICANT: Deleman, Daniel
| TITLE OF INVENTION: BIOENGIRERED VEHICLES FOR TARGETED NUCLEIC ACID
| TITLE OF INVENTION: DELLIVERY |
| FILE REPRESENCE: 2361-A USA |
| CURRENT APPLICATION NUMBER: 60/213, 653 |
| PRIOR FILING DATE: 2001-06-25 |
| NUMBER OF SEQ ID NOS: 45 |
| SEQ ID NO 32 |
| LENGTH: 26
                                                                                                                                                                                                                                                                                                                                                                                         RESULT 14
US-09-888-721-2
; Sequence 2. Application US/0988721
; Patent No. US20020132990A1
; Patent No. US20020132990A1
; GENERAL INFORMATION:
    APPLICANT: Huston, James S.
    APPLICANT: Wils, Pierre
    APPLICANT: Anu Quan
    APPLICANT: Scherman, Daniel
    TITLE OF INVENTION: BICENGINEERED VEHICLES FOR TARGETED NUCLEIC ACID
    TITLE OF INVENTION: BICENGINEER
    TITLE OF INVENTION: DATE: 2001-06-25
    CURRENT APPLICATION NUMBER: 60/213,653
    PRIOR APPLICATION NUMBER: 60/213,653
    PRIOR PLING DATE: 2000-06-23
    NUMBER OF SEQ ID NOS: 45
    SOFTWARE: Patentin Ver. 2.0
    SEQ ID NO 2
    TYPR: PRT
    ORGANISM: Homo sapiens
    US-09-888-721-2
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                                                                                                   ; OTHER INFORMATION: Clone ID: PAT_MRT4530_85779C.1.pep
US-10-437-963-189251
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1 AKKAKSPKKAKAAKPKKA 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 50.0.
The Conservative 9; Conservative
                          TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-888-721-32
LENGTH: 1504
                                                                              FEATURE:
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; ORGANISM: Homo sapiens

; ORGANISM: Homo sapiens
US-09-888-721-32

Query Match
Best Local Similarity 50.8; Pred. No. 16;
Matches 9; Conservative 6; Mismatches 3; Indels 0; Gaps

Qy 1 ARRAGARRARRARRAR 18

Db 1 AKKARSPKKARARRAR 18

Search Completed: August 17, 2004, 17:19:19

Job time: 29.3812 secs
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Sequence 16, Appl
Sequence 16, Appl
Sequence 23268, Appl
Sequence 29742, A
Sequence 18822, A
Sequence 1882, A
Sequence 1893, App
Sequence 17818, A
Sequence 18739, A
Sequence 2733, A
Sequence 2733, A
Sequence 5390, Ap
Sequence 7, Appli
Sequence 2, Appli
                                                                                    ; Search time 5.9703 Seconds (without alignments) 103.766 Million cell updates/sec
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
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Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-252-991A-18882

US-09-252-991A-18882

US-09-252-991A-18379

US-09-252-991A-18379

US-09-252-991A-18739

US-09-252-991A-18739

US-09-252-991A-18739

US-09-252-991A-22732

US-09-252-991A-22732

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US-09-252-991A-22732

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US-09-252-991A-22732

US-09-252-991A-26215

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US-09-261-889-38
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Sequence:
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9-417-264-40 9-252-91h-20 9-041-8891-3 9-041-264-3 9-417-264-3 9-417-264-3 9-417-264-3 9-417-264-3 9-55-991h-31 9-55-991h-48 9-55-991h-48 9-252-991h-48 9-272-991h-48 9-272-991h-48	ALI GNMENTS	PIC PANTILL E RE	No. 16
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		ULT 1  GB-346-849-16  GGB-346-849-16  GGB-346-10-16  GGBERAL INFORMATION:  GBRERAL INFORMATION:  GBRERAL INFORMATION:  APPLICANT: Abang, Shuguang  APPLICANT: Abong, Shuguang  APPLICANT: BLCK, Alexander  APPLICANT: BLCK, ALEX-ASS  TITLE OF INVENTION: STABLE M  TITLE OF INVENTION: STABLE M  TITLE OF INVENTION: THEREPOR  NUMBER OF SEQUENCES: 64  CORRESSEDE: HAMILTON, BROOK  STREET: Two Militia Drive  CITY: Lexington  COUNTRY: U.S.A.  ZIP: 02173-4799  COUNTRY: U.S.A.  ZIP: 02173-479  COUNTRY: U.S.A.  ZIP: 02173-479  COUNTRY: U.S.A.  ZIP: 0217-479  COUNTRY: U.S.A.  ZIP: 0217-479  COUNTRY: BM PC COMPACING  COUNTRY: PREABABLE FORM:  MEDIUM TYPE: Floppy disk  COUNTRY: DATE:  COUNTRY: DATE:  COUNTRY: ASSISTING SYSTEM: PC-DOS/M  SOFTWARE: PACTION NUMBER: US/08/ FILING DATE:  CLASSIFICATION NUMBER: US/08/ FILING DATE: 28 BDECEMBER 1  APPLICATION NUMBER: US/08/ FILING DATE: 22.59  REGISTRATION NUMBER: US/08/  TELEPHONE: (617) 861-6240  TELEPHONE: (617) 861-6240  TELEPHONE: (617) 861-6240  TELEPHONE: GARACTERISTICS:  LENGTH: GO amino acids  TYPE: amino acid  TYPE: proctein  MULECULE TYPE: proctein	/ Mat Loca les
00000000000000000000000000000000000000		1	Query Match Best Local S Matches
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Sequence 23269, Application US/09252991A
Sequence 23269, Application US/09252991A
PREAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-07-27
NUMBER: DS 00/094,190
NUMBER: DS 00/094,190
SEQ ID NOS: 33142
SEQ ID NOS: 33142
SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES THEREFOR
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                                                                                                                                                                            E: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive
                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.

ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPOTER: IBM PC Compatible
COMPOTER: IBM PC Compatible
COMPOTER: IBM PC COMPA:
APPLICATION NUMBER: US/08/699,300
FILING DATE: 22 JULY 1997
CLASSIFICATION NUMBER: 08/346,849
FILING DATE: 30 NOVENBER 1994
PRIOR APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATPONEY/AGENT INPOMARTION:
NAME: BROOK, DAVIG E.
REGISTRATION NUMBER: 22,592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         64.4%; Score 38; DB 4;
63.6%; Pred. No. 45;
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Pred. No. 1
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pseudomonas aeruginosa
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75.08;
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TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 1
    TITLE OF INVENTION: SELF-
TITLE OF INVENTION: THERI
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BI
STREET: Two Militia Dr:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 60 amino acids
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Best Local Similarity 75.0
Matches 9; Conservative
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Massachusetts
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; MOLECULE TYPE: protein
US-08-898-300-16
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Best Local Similarity
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US-09-252-991A-23268
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CRGANISM: Pseudol
US-09-252-991A-23268
                                                                                                                                                                                                                                                                         CITY: Lex
STATE: Ma
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        à
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APPLICANT: Lockshin, Curtis
APPLICANT: Rich, Alexander
APPLICANT: Rich, Alexander
APPLICANT: Himes, Toolanes, Toolanes,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       64.4%; Score 38; DB 2; Length 60; 75.0%; Pred. No. 16; 2; Indels ive 1; Mismatches 2; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284A
FILING DATE: 22-AUG-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: BROOK DAYIG E.
REGISTRATION NUMBER: 25-592
REFERENCE/CONTENTION NUMBER: 25-592
REFERENCE/CONTENTION NUMBER: 26-6240
TELEPHONE: (677) 861-6240
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Patent No. 6548630
GENERAL INFORMATION:
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TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: Two Militia DESTREET: Lexington STATE: Massachusetts COUNTRY: U.S.A. ZIP: 02173-4799
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Matches 9; Conservative
                                                                                                                                           18 AKRKAAAKAKA 29
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Sequence 389, Application US/09198452A
Patent No. 655924
GENERAL INFORMATION:
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
TITLE OF INVENTION: MUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 389
SEQ ID NO 389
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Sequence 2694, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:
APPLICANT:
APPLICANTON:
APPLICANTON NUMBER: US/09/252,991A

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR PELING DATE: 1999-02-18
PRIOR PELING DATE: 1998-02-18
PRIOR PELING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 641
  APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,768
PRIOR APPLICATION NUMBER: US 60/074,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NOS: 33142
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Pred. No. 2e+02;
3; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Pseudomonas aeruginosa US-09-252-991A-18376
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ORGANISM: Chlamydia pneumoniae
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Best Local Similarity 66.7%;
Matches 6; Conservative
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US-09-198-452A-389
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US-09-252-991A-18882

US-09-252-991A-18882

Sequence 18882, Application US/0925291A

Patent No. 6551795

GENERAL INFORMATION:

APPLICATION:

TITLE OF INVENTION:

ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT PILING DATE: 1999-02-18

PRIOR PILING DATE: 1999-02-18

PRIOR PILING DATE: 1998-02-18

PRIOR PILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR PILING DATE: 1998-02-18

PRIOR PILING DATE: 1998-02-18

PRIOR PILING DATE: 1998-02-18

SEQ ID NOS: 33142

LENGTH: 955
                                                                                                                                                                                                                Sequence 2972, Application US/09252991A
Sequence 2972, Application US/09252991A
Sequence 2972, Application US/09252991A
Sequence 2972, Application US/09252991A
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS;
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION WUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PLING DATE: 1988-02-18
PRIOR FILING DATE: 1988-07-27
SEQ ID NO 29742
SEQ ID NO 29742
SEQ ID NO 29742
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Pred. No. 1.2e+02;
1; Mismatches 3; Indels
  Indels
  2; Mismatches
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US-09-252-991A-18376
; Sequence 18376, Application US/09252991A
; Patent No. 6551795
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Pseudomonas aeruginosa US-09-252-991A-18882
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Best Local Similarity 66.7%;
Matches 8; Conservative
  7; Conservative
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                                                                                    2 KCKRAAKAKRA 12
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                                                     1 AKCKRAAKAKR 11
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Best Local Similarity
Matches 7; Conserv
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  Matches
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GENERAL INFORMATION:
APPLICANT: GARY BRETON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL1
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.1002-001
                                                                             Squence 22732, Application US/09252991A

Patent No. 655178
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS.
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-02-18
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PAGE INVENTION:
TITLE OF INVENTION:
ARE CURRENT FILING DATE: 1999-02-18

FRICK APPLICANTION WITHOUT ARTOGNOONAS

TITLE OF INVENTION: ARTUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-02-18

PRIOR SEQ ID NOS: 33142

SEQ ID NO 3,0965

LENGTH: 143
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Pred. No. 2.5e+02;
3; Mismatches 1;
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Pred. No. 1.5e+02;
2; Mismatches 3
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US-09-543-681A-7133
; Sequence 7133, Application US/09543681A
; Patent No. 6605709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-30965
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Best Local Similarity 60.0%;
Matches 6; Conservative
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Best Local Similarity 59.3
Matches 7; Conservative
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259 RCRRAARAGR 268
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                                                 RESULT 12
US-09-252-991A-22732
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US-09-252-991A-30965
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Sequence 17815, Application US/09252991A
Sequence 17815, Application US/0925291A
Sequence 17815, Application US/0925291A
SEXERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 17918
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APPLICANT: Marc J. Rubenfield et al.

ITILE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT APPLICATION NUMBER: US/09/252,991A

PRIOR PILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: US/00/04,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 18739

LENGTH: 200

TYPE: PRI
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                                                                                                  Length 641;
                                                                                             Score 36; DB 4; Length 641
Pred. No. 2.7e+02;
5; Mismatches 2; Indels
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                       ; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-26994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-17818
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US-09-252-991A-18739
                                                                                             Query Match
Best Local Similarity 41.7%;
Matches 5; Conservative E
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Best Local Similarity 50.0.
Lea 6; Conservative
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151 SRCRRAAAARS 162
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US-09-252-991A-18739
TYPE: PRT
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RESULT 15
US-09-543-61A-5390
US-09-543-681A-5390
US-09-543-681A-5390
Sequence 5390, Application US/09543681A
Patent No. 6605709
GARREL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709-1002-001
CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-04-05
NUMBER OF SEQ. ID NOS: 8344
SEQ. ID NOS: 8344
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57.6%; Score 34; DB 4; Length 163;
Best Local Similarity 58.3%; Pred. No. 1.6e+02;
Matches 7; Conservative 2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 34; DB 4; Length 361;
Pred. No. 3.3e+02;
1; Mismatches 3; Indels
; CURRENT APPLICATION NUMBER: US/09/543,681A; CURRENT FILING DATE: 2000-04-05; PRIOR APPLICATION NUMBER: US 60/128,706; PRIOR FILING DATE: 1999-04-09; NUMBER OF EQ ID NOS: 8344; SEQ ID NOS: 8344; SEQ ID NOS: RAMEN: RAMEN: RAMEN: RAMEN: Proteus mirabilis US-09-543-681A-7133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Search completed: August 17, 2004, 16:14:38 Job time : 5.9703 secs
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Best Local Similarity 66.7%;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
COGANISM: Proteus mirabilis
US-09-543-681A-5390
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224 AKAKAAAEAKAA 235
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61.0
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16
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1: /cgn2_6/ptodata/1/pubpaa/PcT_TBW FUB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/PcT_TBW FUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/PcT_BW FUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/USO7_NEW FUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/USO8_NEW FUB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/USO8_NEW FUB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

12: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
                             GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1292805 seqs, 313927144 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                       OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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59
                                                                                                                                                                                                                                                                                                                                         Title:
Perfect score:
Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Scoring table:
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Pred. No, is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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	Description	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence 12462, A	Sequence 745, App	Sequence	Sequence	Sequence	Segmence
	ID	US-10-156-761-14502	US-10-390-472-16	US-10-369-493-13278	US-10-437-963-122190	US-10-437-963-148841	US-10-437-963-131597	US-10-282-122A-55143	US-10-437-963-188535	US-10-001-885-94	US-10-156-761-12462	US-09-925-302-745	US-09-925-302-745	US-10-408-765A-147	US-10-437-963-111630	US-10-437-963-174627
		14	16	15	16	16	16	12			14		12	16	16	16
	Query Match Length DB	556	9	909	734	1039	103	601	67	106	138	241	241	284	304	326
, o	Query Match	66.1	64.4	64.4	64.4	64.4	62.7	62.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
	Score	39	38	38	38	38	37	37	36	36	36	36	36	36	36	36
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0.282-122A-68109 0.264-049-2443 0.282-122A-84601 0.289-762-89 9-405-920-2 0.144-194A-112 0.144-194A-74 0.147-963-13406 0.128-714-8205 0.128	DB 14; Les 2.6e+02; ches 2;
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11 11 11 11 11 11 11 11 11 11 11 11 11	avermitili 6.1%; SCO 6.7%; Pre ve 2;
372 437 437 661 661 670 681 708 708 708 708 708 708 708 708	99-1
16 36 61.0 372 12 18 36 61.0 437 15 19 36 61.0 613 12 19 36 61.0 613 12 20 36 61.0 624 10 22 36 61.0 708 15 24 36 61.0 708 16 25 36 61.0 708 16 25 36 61.0 708 16 25 36 61.0 708 16 26 35 59.3 129 16 28 35 59.3 129 16 29 35 59.3 129 16 31 35 59.3 129 16 31 35 59.3 129 16 32 35 59.3 129 16 33 35 59.3 129 16 34 57.6 197 16 44 34 57.6 138 16 44 34 57.6 131 16 45 34 57.6 131 16 45 34 57.6 131 16 46 34 57.6 171 16 47 34 57.6 171 16 48 34 57.6 171 16 49 34 57.6 171 16 49 34 57.6 171 16 49 34 57.6 171 16 41 34 57.6 171 16 42 34 57.6 171 16 43 4 57.6 171 16 44 34 57.6 171 16 45 34 57.6 171 16 47 34 57.6 171 16 48 34 57.6 171 16 49 34 57.6 171 16 41 34 57.6 171 16 42 34 57.6 171 16 43 4 57.6 171 16 44 34 57.6 171 16 45 37 57.6 171 16 47 34 57.6 171 16 48 57.6 171 16 49 57.6 171 16 49 57.6 171 16 49 57.6 171 16 40 57.6 171 16 41 57.6 171 16 42 57.6 171 16 43 57.6 171 16 44 57.6 171 16 45 57.6 171 16 47 57.6 171 16 48 57.6 171 16 48 57.6 171 16 49 57.6 171 16 49 57.6 171 16 40 57.6 171 16 40 57.6 171 16 41 57.6 171 16 57.6 171	treptomyces 4502 milarity Conservat
16 36 61.0 17 36 61.0 18 36 61.0 20 36 61.0 22 36 61.0 22 36 61.0 23 36 61.0 24 36 61.0 25 36 61.0 25 36 61.0 26 36 61.0 27 35 61.0 28 36 61.0 29 36 61.0 29 36 61.0 29 36 61.0 20 20 2	H.L. ED X W
16 36 11 16 36 11 16 36 11 18 36 11 18 36 11 18 36 18 18 18 18 18 18 18 18 18 18 18 18 18	; ORGANISM ; ORGANISM US-10-156-70 Query Matc Best Loca Matches

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RESULT 2 US-10-390-472-16

1 AKCKRAAKAKRA 12

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Gaps

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Score 38; DB 15; Length 606;
Pred. No. 4.1e+02;
0; Mismatches 1; Indels
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 13278
LENGTH: 606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 122190, Application US/10437963
Publication No. US20040123343A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 148841, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Buckharov, Andrey A.
APPLICANT: Barbazuk, Brad
                                                                                                                      TYPE: PRT; ORGANISM: Aspergillus nidulans
US-10-369-493-13278
                                                                                                                                                                                                               Query Match
Best Local Similarity 90.0%;
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-437-963-122190
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CENDELAL INFORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Coldman, Winder Goldman, Barry S.
APPLICANT: Coldman, Winder Goldman, Barry S.
APPLICANT: Coldman, Winder Goldman, Barry S.
APPLICANT: Chen, Xiandeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: DLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10(52025)
CURRENT APPLICATION NUMBER: US)10/369,493
CURRENT FILING DATE: 2003-02-28
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                                                                                                                                                                                      TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSE: HAMILITON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                           STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER: EADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/10/390,472
FILING DATE: 17-Mar-2003
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 16; Length 60; 47;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Brook, David E. REGIGTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008A
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 38; DB 1
Pred. No. 47;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                  Zhang, Shuguang
Rich, Alexander
DiPersio, C. Michael
Lockshin, Curtis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
    Sequence 16, Application US/10390472 Publication No. US20040087013A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 60 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                          APPLICANT: Holmes, Todd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 75.0
Matches 9; Conservative
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GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: APPLICANT: Cao, Youngel
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Butharov, Andrey A.
APPLICANT: Butharov, Andrey A.
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT PILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 122190
LENGTH: 734
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wu, Wei Mei APPLICANT: Wu, Wei Boukharov, Andrey A. APPLICANT: Boukharov, Andrey A. APPLICANT: Boukharov, Andrey A. APPLICANT: Boukharov, Andrey A. APPLICANT: Broadler Broa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Clone ID: PAT_MRT4530_25141C.1.pep
US-10-437-963-122190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 64.4%; Score 38; DB 16; L
Best Local Similarity 63.6%; Pred. No. 4.9e+02;
Matches 7; Conservative 2; Mismatches 2;
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Sequence 188535, Application US/10437963
; Sequence 188535, Application US/2040123343A1
; Publication No. US20040123343A1
; GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Branazuk, Brad
APPLICANT: Brad
A
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PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR APPLICATION NUMBER: 60/206,848

PRIOR APPLICATION NUMBER: 60/206,848

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-09-09

PRIOR FILING DATE: 2000-09-09

PRIOR FILING DATE: 2000-09-09

PRIOR PELING DATE: 2000-10-23

PRIOR PELING DATE: 2000-10-23

PRIOR PELING DATE: 2000-11-27

PRIOR PELING DATE: 2000-11-22

PRIOR PELING DATE: 2000-12-22

PRIOR PELING DATE: 2001-02-09

PRIOR PELING DATE: 2001-02-06

PRIOR PELING DATE: 2001-02-06

PRIOR PELING DATE: 2001-02-06

PRIOR PELING DATE: 2001-02-16

PRI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 62.7%; Score 37; DB 12; Length 60 Best Local Similarity 63.6%; Pred. No. 5.9e+02; Matches 7; Conservative 1; Mismatches 3; Indels
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Best Local Similarity 66.7%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 0; Indels
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US-10-437-963-188535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT; CRJamydia trachomatis; ORGANISM: Chlamydia trachomatis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  151 AKCKRLGRAMR 161
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |:|:||:|
34 ARCRRAARA 42
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; Sequence 131597, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
    APPLICANT: La Rosa, Thomas J.
    APPLICANT: Application David K.
    APPLICANT: Application David K.
    APPLICANT: Application David K.
    APPLICANT: Application David K.
    APPLICANT: W. Wei
    APPLICANT: W. Wei
    APPLICANT: M. Wei
    APPLICANT: M. Wei
    APPLICANT: APPLICANT: M. Wei
    APPLICANT: APPLICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                         64.4%; Score 38; DB 16; Length 1039; 63.6%; Pred. No. 6.8e+02;
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US-10-437-963-131597
                                                                                                                                                                                                                                  ; OTHER INFORMATION: Clone ID: PAT_MRT4530_49232C.1.pep
US-10-437-963-148841
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2; Mismatches
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Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Ohlsen, Kari
APPLICANT: Trawick, John
APPLICANT: Yamamoto, Robert
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 62.7
Best Local Similarity 58.3
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 63.6
Matches 7; Conservative
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404 RCKRARAAKKA 414
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                                                                                                 TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 7
US-10-282-122A-55143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 6
US-10-437-963-131597
; SEQ ID NO 148841
; LENGTH: 1039
                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                            FEATURE:
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FEATURE:
NAME/KEY: SITE
NOTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
NOTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-302-745
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
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         | Sequence 745.43
| Sequence 745.44
| Patent No. US20020044941A1
| GENERAL INFORMATION:
| APPLICANT: Rosen et al.
| TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
| FILE REPRENCE: PALO4
| CURRENT APPLICATION NUMBER: US/09/925,302
| CURRENT FILING DATE: 2001-08-10
| PRIOR APPLICATION NUMBER: PCT/US00/05918
| PRIOR APPLICATION NUMBER: PCT/US00/05918
| PRIOR APPLICATION NUMBER: 60/124,270
| PRIOR PILING DATE: 1999-03-12
| NUMBER OF SEQ ID NOS: 896
| SEQ ID NO 745
| SEQ ID NO 745
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Sequence 745, Application US/09925302

Publication No. US20030064072A9

GENERAL INFORMATION:
TITLE OF INVENTYON: Nucleic Acids, Proteins and Antibodies

TITLE REFERENCE: PAIO4

CURRENT FILING DATE: 2001-08-10

PRIOR APPLICATION NUMBER: US/09/925,302

CURRENT FILING DATE: 2000-03-08

PRIOR PILING DATE: 2000-03-08

PRIOR PLING DATE: 1999-03-12

PRIOR FILING DATE: 1999-03-12

NUMBER OF SEQ ID NOS: 896

SOFTWARE: PATENTIN VET. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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NAME/KEY: SITE
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LENGTH: 241
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                                                                                                                              APPLICANT: Salceda, Susana
APPLICANT: Salceda, Susana
APPLICANT: Macina, Roberto
APPLICANT: Cafferkey, Robert
APPLICANT: Cafferkey, Robert
APPLICANT: Cafferkey, Robert
APPLICANT: Cafferkey, Robert
APPLICANT: Liu, Chenghua
FILE REFERENCE: Das-0.279
CURRENT APPLICANTON NUMBER: 60/252,061
PRIOR FILING DATE: 2000-11-20
PRIOR FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 167
ASSETTING PATE: PATENTIN Version 3.1
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APPLICANT: ISHIKAWA, HINOSHI
APPLICANT: SHIRAWA, HINOSHI
APPLICANT: SHIRAM, TADAYOSHI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: HATTORI, MASHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
PRIOR PELLORATION NUMBER: US 2001-204089
PRIOR PELLORATION NUMBER: JP 2001-204089
PRIOR PILING DATE: 2001-05-30
PRIOR PILING DATE: 2001-05-30
PRIOR PILING DATE: 2001-06-30
PRIOR PILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 15109
SERVICH: 138
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Publication No. US20030119018A1
                                                      Sequence 94, Application US/10001885
Publication No. US20040058319A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 AKCKRAAKAKR 11
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; ORGANISM: Homo sapien
US-10-001-885-94
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RESULT 9
JS-10-001-885-94
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LENGTH: 106
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APPLICANT:
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Search completed: August 17, 2004, 17:19:20 Job time : 19.9208 secs
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Sequence 11630, Application US/10437963

Publication No. US20040123343A1

GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5321)B

CURRENT APPLICATION NUMBER: US/10/437,963

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966
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               CTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids NAME/KEY: SITE LOCATION: (40)
CTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-09-925-302-745
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Sequence 147, Application US/10408765A

Publication No. US20040101874A1

SERBRAL INFORMATION:

APPLICANT: Ghosh, Soumitra S.

APPLICANT: Rahy, Boin D.

APPLICANT: Taylor, Steven W.

APPLICANT: Taylor, Steven W.

APPLICANT: Marnock, Dale E.

TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION

CURRENT APPLICATION NUMBER: US/10/408,765A

CURRENT APPLICATION NUMBER: US/10/408,765A

CURRENT FILING DATE: 2003-04-04

NUMBER OF SEQ ID NOS: 3077

SEQ ID NO 147

LENGTH: 284
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                                                                                                                                                        Score 36; DB 12; Length 241;
Pred. No. 3.6e+02;
3; Mismatches 2; Indels
                                                                                                                                                             Query Match
Best Local Similarity 54.5%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 54.5
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                       208 KCKKAASSSKA 218
                                                                                                                                                                                                                                                            2 KCKRAAKAKRA 12
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ORGANISM: Homo sapiens
US-10-408-765A-147
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ORGANISM: Oryza sativa
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US-10-437-963-111630
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LENGTH: 304
LOCATION: (39)
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Sequence 174627, Application US/10437963
; Sequence 174627, Application US/10437963
; Publication No. US2004012334341
; GeneRaL INPORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Shou, Yihua
; APPLICANT: Shou, Yihua
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 144627
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                                                                                            Length 304;
                                                                                                                                              3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3; Indels
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_15591C.1.pep
US-10-437-963-111630
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Clone ID: PAT_MRT4530_7254C.1.pep
US-10-437-963-174627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      61.0%; Score 36; DB 16;
66.7%; Pred. No. 4.8e+02;
tive 1; Mismatches 3;
                                                                                         Score 36; DB 16;
Pred. No. 4.5e+02;
2; Mismatches 3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: unsure
LOCATION: (1)..(326)
LOCATION: (1)...(326)
FEATURE INFORMATION: unsure at all Xaa locations
FEATURE:
                                                                                               Query Match
Best Local Similarity 58.3%;
Matches 7; Conservative
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161 SKCARKAEPKRA 172
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Best Local Similarity 66.7
Matches 8; Conservative
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INFORMATION FOR SEQ ID NO: 20 SEQUENCE CHARACTERISTICS: LENGTH: 223 amino acids TYPE: amino acid STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 201, App
Sequence 201, App
Sequence 13.565, A
Sequence 12, Appl
Sequence 14, Appl
Sequence 16, Appl
Sequence 17, Appl
Sequence 17, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 15, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 17, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 6, Appli
                                                                             August 17, 2004, 15:50:03 ; Search time 14.9257 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Description
                                                                                                                                                                                                                                                                                                                                                                                     Issued_Patents AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-095-855-201
US-09-405-7436-201
US-09-489-039A-13565
US-08-152-488-12
US-08-303-025-14
US-08-303-025-14
US-08-303-025-14
US-08-303-025-14
US-08-303-025-14
US-08-303-025-14
US-08-346-891-16
US-08-346-891-16
US-08-346-891-16
US-08-346-891-16
US-08-317-058-4
US-08-317-058-6
US-08-317-058-5
US-08-460-890A-64
US-08-460-890A-64
US-08-167-641C-63
                                                                                                                                    US-09-496-391-41
135
1 AKKARAAKKARAAKKARAAKKARA 30
                                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                  389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
                                                                                                                                                                                                                                                                                                                              Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                       - protein search, using sw model
                                                                                                                                                                                          BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                         Minimum DB seg length: 0
Maximum DB seg length: 200000000
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Match Length DB
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Perfect score:
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1 AKKARAA--KKARAAKKARAAKKARA 30
                           13 AKKAKAAKEKKAYAKKEAKAYKAAEAKKKAKA 44
                                                                                                                                                  Sequence 13565, Application US/09489039A
Patent No. 6610836
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 12, Application US/08152488 Patent No. 5534619 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT (CRGANISM: Klebsiella pneumoniae US-09-489-039A-13565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        28,664
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Best Local Similarity 56.8
Matches 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 908-276-5543 INFORMATION FOR SEC ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER:
                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Gary Br
                                                                                                           RESULT 4
US-09-489-039A-13565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE:
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US-08-152-488-12
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TILE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REPERENCE: 60807-A
CURRENT APPLICATION UNDBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ 1D NOS: 7
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
LENGTH: 109
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
0
                                                                                                                                                                                                                                                                       Sequence 201. Application US/09205426

Patent No. 6406704

GENERAL INFORMATION:
APPLICANT: Watson, James D.
APPLICANT: Tan, Paul L. J.
TITLE OF INVENTION: Compounds and Methods for Treatment and TITLE OF INVENTION: Compounds and Methods for Treatment and TITLE OF INVENTION: Diagnosis of Mycobacterial Infections FILE REFERENCE: 11000.1002c4
CURRENT APPLICATION NUMBER: US/09/205,426
CURRENT FILING DATE: 1998-12-04
EARLIER FILING DATE: 1998-06-11
EARLIER FILING DATE: 1998-06-11
EARLIER APPLICATION NUMBER: 08/997,362
EARLIER FILING DATE: 1997-06-12
EARLIER FILING DATE: 1997-06-12
EARLIER FILING DATE: 1997-06-12
EARLIER FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 208
SOFTWARE: PastSEQ for Windows Version 3.0
                                         Length 223;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 223;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           57.0%; Score 77; DB 4; Length 109; ilarity 62.5%; Pred. No. 0.0068; Conservative 4; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             69.6%; Score 94; DB 4; Length 223 hilarity 76.7%; Pred. No. 0.00013; Conservative 0; Mismatches 7; Indels
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                                     Query Match 69.6%; Score 94; DB 3; I Best Local Similarity 76.7%; Pred. No. 0.00013; Matches 23; Conservative 0; Mismatches 7;
                                                                                                                                                                          147 АККАТААККААРАККАТААККААРАККАРА 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               147 АККАТААККААРАККАТААККААРАККАРА 176
                                                                                                                                1 AKKARAAKKARAAKKARAAKKARA 30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ) ORGANISM: Mycobacterium vaccae US-09-205-426-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 20; Conserv
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US-09-095-855-201
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APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLERIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLERIC ACID AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT PEPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 13565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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Pred. No. 0.064;
3; Mismatches 6; Indels 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Wakefield, Thomas W.
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Attacks, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: ANTICOAGULAR WEIGHT HEPARIN ITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               299 AEKAAAAEKAAABEKAAADKAAKAAAAKAAAAKKAAA 335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 AKKARAAKKARAAKKA-----RAAKKARAAKKARA 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: New Jersey
STATE: New Jersey
COUNTRY: United States of America
ZIP: 07016-181
COMPUTER READABLE FORM:
MEDTUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATION SYSTEM: MS-DOS
OPETATION OF SYSTEM: MS-DOS
OPETATION NOMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING APPLICATION NUMBER: PCT/US92/08069
FILING APPLICATION NUMBER: DCT/US93/ATTOMNOMBATION:
NAME: ROBM: BARRATION:
NAME: ROBM: APPLICATION NUMBER: DCT/US92/08069
FILING NUMBER: DCT/US93/ATTOMNOMBATION:
NAME: ROBM: APPLICATION NUMBER: DCT/US92/08069
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Gaps
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7
                                                                                                                                                                Query Match
Best Local Similarity 70.4%; Pred. No. 0.014;
Matches 19; Conservative 4; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
STREET: Daw Jersey
COUNTRY: United States of America
ZIP: Now Jersey
COUNTRY: United States of America
ZIP: OTO16-181
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OFFRAFING SYSTEM: WS-DOS
SOFTWARE: NordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
PELING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
TELEPHONE: 908-276-544
INFORMATION POR SED ID NO: 12:
SEGUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: andino acids
TYPE: APPLICATION PROPERIOR:
NOTICE: POPPLICATION POPLED
CONDUCY: NO: 5721212 Relevant
NOTICE: POPPLICATION
MOLECULE TYPE: POPPLICA
                                                                                                                                                                                                                                                                                                    3 KARAAKKA-RAAKKA-RAAKKARAKK 27
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TILLE: N/A
PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILLING DATE: 14-AUG-1993
US-08-677-304-12
                                               TITLE: N/A

DOCUMENT NUMBER: PCT/US92/08069

FILING DATE: 14-AUG-1993

US-08-303-025-14
                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-677-304-12
; Sequence 12, Application US/08677304
; Patent No. 5721212
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AUTHORS: N/A
  PUBLICATION INFORMATION: AUTHORS: N/A
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ORIGINAL SOURCE:
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51.9%; Score 70; DB 1; Length 29;
Best Local Similarity 70.4%; Pred. No. 0.014;
Matches 19; Conservative 4; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 6

US-08-300-025-14

Sequence 14, Application US/08303025

Sequence 14, Application US/08303025

Patent No. Sci4494

GENERAL INFORMATION:

APPLICANT: Warkefield, Thomas W.
APPLICANT: Stanley, James C.

TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECCULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16

CORRESPONDED ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500

CITY: Berroit States of America COMPUTRY: United States of America COMPUTRY: INDICASELE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44MD

COMPUTRY: Noriderical Scales of America COMPUTRY: WordPerfect 6.1; ASCII (DOS)Text

CLASSIFICATION NUMBER: US 08/152,488

FILING DATE: 13-NOV-1993

ATTORNEY REPERENCE/DOCKET NUMBER: TWH-060548-00231

TELECOMMUNICATION NUMBER: 7WH-060548-00231

TELECOMMUNICATION NUMBER: 7WH-060548-00231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 KKKAAKKAKKAAKKAKKAAKKAKK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3 KARAAKKA-RAAKKA-RAAKKARAAKK 27
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
NOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHOR: N/A
TITLE: N/A
PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-152-488-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          peptide
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MOLECULE TYPE: pe
ORIGINAL SOURCE:
ORGANISM: N/A
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STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE: protein US-08-346-849-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ઠે
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                                             Gaps
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                                             2;
51.9%; Score 70; DB 1; Length 29; 70.4%; Pred. No. 0.014;
                                          2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 51.9%; Score 70; DB 2; Length 29; Best Local Similarity 70.4%; Pred. No. 0.014; Matches 19; Conservative 4; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                           APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7WK-060548-00233
                                          4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CALF: 4822E
CAPPUTER REARABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATUR SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6;
SOFTWARE: ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
NAME: Rohm, Benita J.
NAME: Rohm, Benita J.
REGISTRATION NUMBER: S. 664
                                                                                                            2 KKKAAKKAKKAAKKAKKAKKAKK 28
                                                                                   3 KARAAKKA-RAAKKA-RAAKKARAAKK 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3 KARAAKKA-RAAKKA-RAAKKARAAKK 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                              Sequence 16, Application US/08436703B; Patent No. 5919761; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Benita J, Rohm, Esq. STREET: 6601 Woodward Avenue STREET: Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 7WI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-965-1976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                          19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGIH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     peptide
                  Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: N/A MOLECULE TYPE: pe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Detroit
STATE: Michig
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         48226
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-436-703B-16
Query Match
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KKKAAKKAKKAAKKAKKAKK 28

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RESULT 10
US-08-293-284A-16
US-08-293-284A-16
Sequence 16, Application US/08293284A
Patent No. 595343
GENERAL INFORMATION:
APPLICANT: Holmes, Todd
APPLICANT: Zhang, Shuguang
APPLICANT: Rich, Alexander
APPLICANT: Lockshin, Curtis
APPLICANT: Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: THEREFOR
Sequence 16, Application US/08346849
Sequence 16, Application US/08346849
Sequence 16, Application US/08346849
Sequence 16, Application
APPLICANT: Zhang, Shuguang
APPLICANT: Rich, Alexander
APPLICANT: Rich, Ale
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      E: HAMILION, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

TELING DATE:

PROPIL CATION NUMBER: US/08/346,849

FILING DATE:

TELING DATE:

TELEPHONE: 28 DECEMBER 1992

ATTORNEY/AGENT INFORMATION:

REFERENCE/DOCKET NUMBER: 22,592

REFERENCE/DOCKET NUMBER: MIT-6008

TELEPHONE: (617) 861-9540

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11 AKKKAAAAKRAAKAKKEKKEAKKAA 1
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US-00-929-329-5

US-00-929-329-5

Sequence 5, Application US/08929329

Patent No. 6120770

GENERAL INFORMATION:

APPLICANT Adams, John H

APPLICANT Balton, John P

APPLICANT CADE PAPLICANT:

TITLE OF INVENTION: Plasmodium Proteins Useful for Preparing

TITLE OF INVENTION: Plasmodium Proteins Useful for Preparing

TITLE OF INVENTION: Vaccine Compositions

CORRESPONDENCE ADDRESS:

ADDRESSE: Barnes & Thornburg

STREET: ILS Meridian

CITY: USA

TOTOMARY: USA
                                                                                                                                                                                                                                            Query Match 51.9%; Score 70; DB 4; Length 60; Best Local Similarity 58.1%; Pred. No. 0.027; Matches 18; Conservative 4; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 AKKARAAKKARAAKKARAK--KARAAKKAR 29
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 07/973,326
FILING JDATE: 29 BECEMBER 1992
ATTORNEY, AGENT INFORMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008FB
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Plasmodium yoelii
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: unknown MOLECULE TYPE: protein HYPOTHETICAL: NO ANT COLUMN
                                                                                                                                                                                       ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-898-300-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 2; Length 60;
                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Rloppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Rloppy disk
COMPUTER: IBM PCCOMPATIBLE
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284A
FILING DATE: 22-AUG-1994
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTORNEY/AGRNT INFORMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REFRENCE/DOCKET NUMBER: MIT-6008A
TELEBEHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 AKKARAAKKARAAKKARAAK -- KARAAKKAR 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ch 51.9%; Score 70; 1. Similarity 58.1%; Pred. No. (18; Conservative 4; Mismatch
                                                                                                                                                                                                                                                                                                                       TELEFAX: (617) 861-9540 INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS: LENGTH: 60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: protein
                     Massachusetts
U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 18; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           qq
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Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Histone H1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note= "product = Human Histone
H1-S-4"
                APPLICANT: Eggena, Mark
TITLE OF INVENTION: Diagnosis, Prevention and Tre-
TITLE OF INVENTION: Ulcerative Colitis, and Clini
TITLE OF INVENTION: Histone H1
TITLE OF INVENTION: Histone H1
TUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ...untsSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
ZIOUNTRY: USA
ZIP: 92122
                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC_Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,058
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |||: |||:||| :|
155 KKAKKPAAAGAKKAKSPKKAKAAKPKKA 183
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 P-PM 2438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NIMBER: P-PM
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
       Stephan R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-849
INPORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 218 amino acids
                                                                                                                                                                               STREET: 4370 La Jol
CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: 1..218
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
NAME/KEY: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
                                                                                                                                                                                                                                                                        92122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-837-058-4
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                                                                                                                                                                                                                                         Sequence 4, Application US/09041889

Patent No. 6033864

GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Chavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
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0
Query Match 50.7%; Score 68.5; DB 3; Length 1507; Best Local Similarity 62.1%; Pred. No. 0.7; Matches 18; Conservative 2; Mismatches 8; Indels 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              50.4%; Score 68; DB 3; Length 218; 51.7%; Pred. No. 0.14; ive 5; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /note= "product = Human Histone
H1-S-4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION
FILING DATE:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                   1213 KKAEAVKKAEBAKKKAEAAKKALKLKESR 1241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIPTCATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/837,058
FILING DATE: 11-ARR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRANCHION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 9-PM 3006
TELEPAX: (619) 535-9901
TELEPAX: (619) 535-9901
TELEPAX: (619) 535-9901
TELEPAX: (619) 535-991
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 KKARAAKKA-RAAKKARAAKKAR 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 KKARAAKKARAAKKARAAKKARA 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/08837058
Patent No. 6074835
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 51.77
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: 1.218
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: Peptide
                                                                                                                                                                                                    RESULT 13
US-09-041-889-4
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Gaps

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CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/417,264
FILING DATE:
CLASSIFICATION.
PRIOR APPLICATION.
PRIOR APPLICATION NUMBER: US 09/041,889
FILING DATE:
ATTORIVEY AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9949
INFORMATION FOR SEQ ID NO: 4:
EBNOTH: 218 amino acid
TYPE: amino acid
TYPE: amino acid
TOPOLOGY: linear
FEATURE:
NAME/KEY: Peptide
LOCATION: 1.218
NAME/KEY: Peptide
LOCATION: 1.218
OTHER INFORMATION: H1-S-4"
UCATION: 1.218
OTHER INFORMATION: H1-S-4"
UCATION: 1.218
SOURCE ARAAKKARAAKKARAAKKARA 30

Query Match
Best Local Similarity 51.7%; Pred. No: 0.14;
Matches 15; CONSETVATIVES 5; Mismatches 9; Indels 0; Gaps 0;
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S A

Search completed: August 17, 2004, 16:14:38 Job time : 14.9257 secs

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Fru Aug 19 07:15:58 2004
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Query Maccn 69.0%; Score 94; DB 13; Lengtn 22
Best Local Similarity 76.7%; Pred. No. 0.00027; Macches 23; Conservative 0; Mismatches 7; Indels
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US-10-205-979-52
Sequence 52, Application US/10205979
; Publication No. US20030147861A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 201, App Sequence 52, Appl Sequence 5748, A Sequence 127, Appl Sequence 127, Appl Sequence 1021, A Sequence 1021, A Sequence 1021, A Sequence 12370, A Sequence 7, Appli Sequence 2, Appli Sequence 5, Appli
                                                                                                         August 17, 2004, 16:06:45; Search time 47.302 Seconds (without alignments) 199.100 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Published Applications AA:*

1: \cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

2: \cgn2_6/ptodata/1/pubpaa/PCT_MBW_PUB_pep:*

3: \cgn2_6/ptodata/1/pubpaa/PCT_MBW_PUB_pep:*

4: \cgn2_6/ptodata/1/pubpaa/USO6_NBW_PUB_pep:*

5: \cgn2_6/ptodata/1/pubpaa/USO6_NBW_PUB_pep:*

6: \cgn2_6/ptodata/1/pubpaa/USO8_NBW_PUB_pep:*

7: \cgn2_6/ptodata/1/pubpaa/USO8_NBW_PUB_pep:*

8: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB_pep:*

9: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB_pep:*

10: \cgn2_6/ptodata/1/pubpaa/USO9B_PUBCOMB_pep:*

11: \cgn2_6/ptodata/1/pubpaa/USO9B_PUBCOMB_pep:*

12: \cgn2_6/ptodata/1/pubpaa/USO9B_PUBCOMB_pep:*

13: \cgn2_6/ptodata/1/pubpaa/USO9B_PUBCOMB_pep:*

14: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB_pep:*

15: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB_pep:*

16: \cgn2_6/ptodata/1/pubpaa/USIOB_PUBCOMB_pep:*

17: \cgn2_6/ptodata/1/pubpaa/USIOB_PUBCOMB_pep:*

18: \cgn2_6/ptodata/1/pubpaa/USIOB_PUBCOMB_pep:*

18: \cgn2_6/ptodata/1/pubpaa/USIOB_PUBCOMB_pep:*

18: \cgn2_6/ptodata/1/pubpaa/USIOB_PUBCOMB_pep:*

18: \cgn2_6/ptodata/1/pubpaa/USIOB_PUBCOMB_pep:*
                                                                                                                                                                                                                                                                                                                                                        1292805
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 US-10-051-643-201

4 US-10-205-979-52

2 US-10-291-122A-55748

US-09-816-989A-7

US-09-771-161A-127

US-10-1282-122A-59321

6 US-10-30-472-16

4 US-10-156-761-10221

2 US-10-10-282-123A-68109

4 US-10-156-761-12370

6 US-10-240-430-8

6 US-10-229-265-4
                                                                                                                                                                                US-09-496-391-41
135
1 AKKARAAKKARAAKKARAAKKARA 30
                                                                                                                                                                                                                                                                                                                                                    Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                 1292805 segs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SUMMARIES
                                                                      OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                           Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                          BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                       Minimum DB seq length: 0
Maximum DB seq length: 200000000
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840 0940409404
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Match ]
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Perfect score:
                                                                                                                                                                                                                                                            Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Database :
                                                                                                                                                                                                                           Sequence:
                                                                                                                                                                                                                                                                                                                   Searched:
                                                                                                            Run on:
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-209-1 -430-2	-963-186290 Sequence	-122A-56483 Sequence	-/61-10342 sequence -963-125161 sequence	-493-17058 Sequence	989A-5 Sequence	989A-6 Sequence 6	721-2 Sequence	721-32 Sequence	-963-182491 Sequence	-122A-69962 Sequence	-122A-66237 Sequence	-032-120 seduence	-930-30 Seduence	-930-33 Sequence	-930-31 Sequence	-930-32 Sequence	989A-4 Sequence	-122A-60257 Sequence	-533-144844 Sequence	-781-11309 Sequence -029-18 Semience	-122A-75772 Sequence	-761-9889 Sequence	-122A-75047 Sequence	ALIGNMENTS						inds for the Treatment	diated Diseases	erium Vaccae		, 643		1		7.4		3.0						94; DB 13; Length 223;	0000
US-10-262 US-10-240	US-10-	US-10-	118-10-	US-10-	US-09-8	113-09-8	US-09-80	08-60-SD	US-10-	US-10-	US-10-21	1101-011	US-10-	US-10-	US-10-	US-10-3	US-09-8	US-10-	101-01	-01-SU	US-10-2	US-10-	US-10-3	ALIG			0051643 L			τ	ıĭ	sing Mycobact	•	/10/021	18	7156,18	000	d/ 446, b		Version				บ		Score	
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68 68	68	66.5	ی د	64.5	94	0 6	۰۷	63	63	63	9 6	2 0	63	63	63	9		,		6.0	-		٦.			1-643-2	ce 201, ation N	L INFOR	CANT: W	CANT: OF TNV	OF INV	OF INV	REFEREN	NT APPL	NT FILE	AFFLIC DIT IN	FILING	PTI.ING	R OF SE	ARE: Fa	NO 201	TH: 223	: PRT	543-	}	Query Match	
16 17	0 F	200	7.0	23.5	2. C. C.	2 2	22	28	29	30	3.1 3.2	3 6	3.0	35	36	37	8 6	ν ·	, 4	4 4	43	44	45		RESULT 1	US-10-05	; Sequence 201, Application US/10 ; Publication No. US20020197265A1	; GENERA	, APPLI	APPLLI	TITLE	; TITLE	FILE	CURRE	; CURRE	; PRIOR	, PRIOR	. PRIOR	NIMBE	SOFTW	; SEQ ID	; LENG	TYPE	, OKGAINIE US-10-051-6	· }	Query	Rest I.

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Gaps

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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPRENCY: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPRENCY: E112A.034
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR PELING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-09
PRIOR PELING DATE: 2000-05-09
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-12-22
PRIOR PELING DATE: 2000-12-22
PRIOR PELING DATE: 2000-12-22
PRIOR PELING DATE: 2001-02-09
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NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 55748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ..
0
                         APPLICANT: Watson, James D.
APPLICANT: Tan, Paul L. J.
APPLICANT: Abernethy, Nevin
TITLE OF INVENTION: Of Immune Responses
FILE REFERENCE: 11000.1063U
CURRENT APPLICATION NUMBER: US/10/205,979
CURRENT FILING DATE: 2002-07-25
PRIOR APPLICATION NUMBER: 60/308,446
PRIOR FILING DATE: 2001-07-26
NUMBER OF SEQ ID NOS: 52
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 69.6%; Score 94; DB 14; Length 223; Best Local Similarity 76.7%; Pred. No. 0.00027; Matches 23; Conservative 0; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       147 AKKATAAKKAAPAKKATAAKKAAPAKKAPA 176
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; Sequence 55748
; Publication No. US20040029129A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) ORGANISM: Mycobacterium vaccae US-10-205-979-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
GENERAL INFORMATION:
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APPLICANT: Lis, Doils
TITLE OF INVENTION: COPOLYMER I RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKE
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
TITLE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
NUMBER OF SEO ID NOS: 7
SOFTWARE: PALENTIN VERSION 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 7;
                                                                                                                ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
US-09-816-989A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                Gaps
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                                                                             Length 428;
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                                                                                                                Indels
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ilarity 70.0%; Pred. No. 0.051;
Conservative 3; Mismatches 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 57.0%; Score 77; DB 9; Best Local Similarity 62.5%; Pred. No. 0.016; Matches 20; Conservative 4; Mismatches
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                                                                                                                                                                      231 AKKAAAAEKA-AAEKAAAAEKAAADKKAAA 259
                                                                                                                                             1 AKKARAAKKARAAKKARAAKKARA 30
                                                                                                                                                                                                                                                               Sequence 7, Application US/09816989A
Patent No. US20020115103A1
GENERAL INFORMATION:
APPLICANT: Gad, Alexander
                               ; ORGANISM: Enterobacter cloacae US-10-282-122A-55748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT; ORGANISM: Homo sapiens US-09-771-161A-127
                                                                    Query Match
Best Local Similarity '
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 5
US-09-771-161A-127
                                                                                                                                                                                                                                  RESULT 4
US-09-816-989A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 109
LENGTH: 428
TYPE: PRT
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DiPersio, C. Michael
Lockshin, Curtis
IITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
THEREFOR
                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESSE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
CITY: Learnigton
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER: FRADABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 17-MA:
FILING DATE: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 51.9%; Score 70; DB 16; Best Local Similarity 58.1%; Pred. No. 0.062; Matches 18; Conservative 4; Mismatches 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTORNEY, AGENT INFORMATION:
NAME: BLOOK, DAVIG E.
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 AKKARAAKKARAAKKARAAK - KARAAKKAR 29
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Publication No. US20030119018A1
GENERAL INFORMATION:
APPLICANT: OMURA, SATOSHI
APPLICANT: ISHIKAMA, JUN
APPLICANT: SHIKAMA, HROUN
APPLICANT: SHIKAMA, HROSHI
APPLICANT: SHIRA, TADAYOSHI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: HATTORI, NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
FRIOR FILING DATE: 2001-204089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 60 amino acids
TYPE: amino acid
TYPE: amino acid
TOPOLOGY: linear
MOLECTLE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (617) 861-9540
    APPLICANT: Holmes, Todd
Zhang, Shuguang
Rich, Alexander
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 16
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 8
US-10-156-761-10221
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APPLICANN: Ohlsen, Kari
APPLICANN: Ohlsen, Kari
APPLICANN: Oskind, Uddith
APPLICANN: Travic, John
APPLICANN: Travic, John
APPLICANN: Travic, John
APPLICANN: Travic, John
APPLICANN: Yamamoro, Robert
APPLICANN: Yamamoro, Robert
APPLICANN: Yamamoro, Robert
APPLICANN: Yamamoro, Robert
APPLICANN: Xu, H.,
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE PERERRANT SLIAM: 2000-02-20
PRIOR PELICATION NUMBER: 60/191,078
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR PELING DATE: 2000-03-21
PRIOR PELING DATE: 2000-03-23
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR PELING DATE: 2000-03-03
PRIOR PELING DATE: 2000-03-03
PRIOR PELING DATE: 2000-01-23
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2001-20-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 9; Length 243;
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                                                                                          5; Indels
Query Match 53.3%; Score 72; DB 9;
Best Local Similarity 59.3%; Pred. No. 0.14;
Matches 16; Conservative 6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 59321, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION;
APPLICANT: Wang, Liangeu
APPLICANT: Malone, Cheryl
APPLICANT: Malone, Cheryl
APPLICANT: Aselbeck, Robert
APPLICANT: Dysen, Kari
APPLICANT: Cyskind, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Trawick, Grant
APPLICANT: Yamanoco, Robert
                                                                                                                                                                                                                             2 KKARAAKKARAAKKARAAKKA 28
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US-10-390-472-16
; Sequence 16, Application US/10390472
; Publication No. US20040087013A1
; GENERAL INFORMATION:
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ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 AKKARAAKKARAAK-----
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Best Local Similarity
Matches 21; Conservat
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Gaps 5

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Length 60; 7; Indels

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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
RIOR APPLICATION NUMBER: 60/191,078
PRIOR PRIOR APPLICATION NUMBER: 60/206,848
RIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
RIOR APPLICATION NUMBER: 60/206,347
PRIOR FILING DATE: 2000-05-26
RIOR APPLICATION NUMBER: 60/203,347
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-11-23
PRIOR FILING DATE: 2000-11-27
PRIOR PRIOR DATE: 2000-11-22
PRIOR PRIOR DATE: 2000-12-22
PRIOR PRIOR DATE: 2001-02-09
PRIOR PRIOR DATE: 2001-02-09
PRIOR PRIOR DATE: 2001-02-09
PRIOR PRIOR DATE: 2001-02-06
PRIOR PRIOR DATE: 2001-02-06
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Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS: 78614
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                                                                                                                                                                                                                                                                                             DB 14; Length 217;
                                                                                                                                                                                                                                                                                                                                                       12; Indels
                                                                                                                                                                                                                                                                                       Query Match 51.9%; Score 70; DB 14 Best Local Similarity 60.0%; Pred. No. 0.22; Matches 18; Conservative 0; Mismatches
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PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 10221
LENGTH: 217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 68109, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-10221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Ohlsen, Kari
APPLICANT: Tyskind, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Tawick, John
APPLICANT: Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ) ORGANISM: Pseudomonas putida
US-10-282-122A-68109
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US-10-282-122A-68109
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         88 AAAKAAKQAKSDLADAKKKAEATKKAEAARRAAA 122
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                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: IKEDA, HAZOON
APPLICANT: IKEDA, HAZOON
APPLICANT: ISHIKAWA, JUN
APPLICANT: HORIKAWA, HIROSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SARAKI, YOSHIVUKI
APPLICANT: SARAKI, YOSHIVUKI
APPLICANT: APALICANS: USANIVE
TILE REFERENCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT PILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: UP 2001-204089
PRIOR PILING DATE: 2001-08-02
PRIOR FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 12370
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US-10-156-761-12370
Sequence 12370, Application US/10156761
Publication No. US20030119018A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-12370
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; ORGANISM: Homo sapiens
US-10-240-430-8
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Best Local Similarity
Matches 15; Conserv
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Sequence 7, Application US/10240430

Publication No. US20040110928A1

GENERAL INPORMATION:

APPLICANT: Crisanti, Andrea

APPLICANT: Crisanti, Andrea

TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REFERENCE: GJE-6402

CURRENT APPLICATION NUMBER: US/10/240,430

CURRENT FILING DATE: 2003-04-15

PRIOR APPLICATION NUMBER: UK 0102667.3

PRIOR FILING DATE: 2001-04-12

PRIOR FILING DATE: 2001-04-12

PRIOR FILING DATE: 2001-04-12

PRIOR FILING DATE: 2001-04-12

NUMBER OF SEQ ID NOS: 14

SEQ ID NO 7

LENGTH: 66
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Sequence 2, Application US/10262209

Publication No. US20030125239A1

GENERAL INFORMATION:

APPLICANT: Crisanti, Andrea

APPLICANT: Crisanti, Andrea

TITLE OF INVENTION: Compositions for Drug Delivery

FILE OF INVENTION: Compositions for Drug Delivery

CURRENT APPLICATION NUMBER: US/10/262,209

FRIOR APPLICATION NUMBER: US/10/262,209

PRIOR PLICHG DATE: 2002-09-07

PRIOR PLICHG DATE: 2002-08-07

PRIOR FILING DATE: 2001-04-12

PRIOR PLICATION NUMBER: UK 0102667.3

PRIOR PLICATION NUMBER: UK 0009080.3

PRIOR PLICATION NUMBER: UK 0009080.3

PRIOR PLICHG DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 2

SOFTWARE: PatentIn version 3.1
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Best Local Similarity 51.7%; Pred. No. 0.23;
Matches 15; Conservative 5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 50.4%; Score 68; DB Best Local Similarity 51.7%; Pred. No. 0.12 Matches 15; Conservative 5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 KKARAAKKARAAKKARAAKKARA 30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
US-10-262-209-2
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US-10-262-209-2
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RESULT 14 US-10-240-430-5

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Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC pANCA antigens
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Publication No. US20030092080A1
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
Ulcerative Colitis, and Clinical Subtyr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 130;
Sequence 5, Application US/10240430
| Publication No. US20040110928A1
| GENERAL INFORMATION:
| APPLICAMY: Crisanti, Andrea
| APPLICAMY: Crisanti, Andrea
| APPLICAMY: Crisanti, Andrea
| APPLICAMY: Essephir, Selma
| TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
| FILE REFERENCE: GJG-6402
| CURRENT PELING DATE: 2003-04-15
| PRIOR FILING DATE: 2001-04-12
| PRIOR APPLICATION NUMBER: UK 0102667.3
| PRIOR FILING DATE: 2001-02-02
| PRIOR FILING DATE: 2001-04-12
| PRIOR FILING DATE: 2000-04-12
| PRIOR FILING DATE: 2000-04-12
| PRIOR FILING DATE: 2000-04-12
| NUMBER OF SEQ ID NOS: 14
| SOFTWARE: PatentIn Version 3.1
| SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         9; Indels
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WINDITH TREADABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 68; DB 16
Pred. No. 0.23;
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ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REFISTRATION NUMBER: 31,915
REPERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/10/229,567
FILING DATE: 27-Aug-2002
FLIASSIPICATION: UDKNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: <Unknown>
APPLICATION NUMBER: US 09/041,889
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STATE: California
COUNTRY: USA
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Best Local Similarity 51.7
Matches 15; Conservative
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US-10-240-430-5
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LENGTH: 218 amino acids

TYPE: amino acid
TYPE: Amino aci
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Search completed: August 17, 2004, 17:19:20 Job time : 47.302 secs

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us-09-496-391-42.rai

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COMPUTER READABLE FORM
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US-09-041-889-27
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Sequence 27, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 26, Appl
Sequence 26, Appl
Sequence 22853, A
Sequence 22853, A
Sequence 22853, A
Sequence 25, Appl
Sequence 25, Appl
Sequence 25, Appl
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25, Appl
21, Appl
21, Appl
16, Appl
17, Appl
17, Appl
17, Appl
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Sequence
Sequence
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/cgn2_6/ptodata2/jaa/5A_COMB.pep:*
/cgn2_6/ptodata2/jaa/5B_COMB.pep:*
/cgn2_6/ptodata2/jaa/6A_COMB.pep:*
/cgn2_6/ptodata2/jaa/6B_COMB.pep:*
/cgn2_6/ptodata2/jaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata2/jaa/PCTUS_COMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-041-889-27

US-09-141-264-27

US-08-346-849-16

US-08-346-849-16

US-08-99-300-16

US-08-99-300-16

US-08-99-300-16

US-09-150-812-26

US-09-150-812-26

US-09-252-991A-2295

US-09-252-991A-2295

US-09-252-991A-2295

US-09-150-812-25

US-08-995-172-21

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US-08-995-172-17

US-08-995-172-17
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Maximum Match 100%
Listing first 45 summaries
                                                                          OM protein - protein search, using sw model
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Gapop 10.0 , Gapext
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length: 2000000000
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Match Length DB
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Sequence:
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Maximum DB 8
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ASCULAR JOBER 29581

Sequence 29581, Application US/09252991A

Sequence 29581, Application US/09252991A

Sequence 29581, Application US/09252991A

Sequence 29581, Application US/09252991A

JETHIE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: ARENGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196 136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 407
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Sequence 27, Application US/09041889
Patent No. 6033864
GENERAL INFORMATION:
PAPLICANT: Cohavy, Offer
TITLE OF INVENTION:
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
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  3, Appli
5, Appli
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5273901
5482709
115, Appl
113, Appl
129, Appli
29, Appli
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Sequence 15, p
Sequence 29, p
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                                         Sequence 5,
Patent No. 5
               Sequence (
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US-09-405-743A-3
US-09-405-743A-5
US-08-668-255-5
5273901-7
5482709-6
US-08-152-488-13
US-08-303-025-15
US-08-303-025-15
US-08-27-0012-29
US-08-27-0012-29
US-08-457-798-29
US-08-457-717-29
US-08-457-717-29
US-08-457-708-29
US-08-457-708-29
US-08-457-708-29
US-08-501-486-29
US-08-601-028-29
US-08-601-028-29
US-08-601-028-29
US-08-601-028-29
US-08-601-028-29
US-08-601-028-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 62.5%; Score 112.5; DB Best Local Similarity 66.7%; Pred. No. 1e-05; Matches 26; Conservative 9; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: PRT; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29581
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US-08-346-849-16; Sequence 16, Application US/08346849; Patent No. 5670483; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Rich, Alexander
APPLICANT: Holmes, Todd
                       : 214 amino acids
amino acid
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    SEQUENCE CHARACTERISTICS:
                                          TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-417-264-27
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MOLECULE TYPE: protein
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Matches 24; Conserv
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Patent No. 6537768
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using TITLE OF INVENTION: Microbial UC panch antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores Lip
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1; Mismatches
                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/837,058
FILING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELECHONE: (619) 535-8091
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISICS:
LENGTH: 214 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Campbell, Cathryn A.
REGISCRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PC-DOS/MS-DOS
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
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ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn
                                                                                                                                                                                                                                                                                                                                                                                                                                                   : 214 amino acids amino acids
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Best Local Similarity 67.5;
Matches 27; Conservative
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MOLECULE TYPE: peptide
US-09-041-889-27
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STATE: California
COUNTRY: USA
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US-09-417-264-27
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NUMBER OF SEQUENCES:

ADDRESSE: ADDRESSE:
ADDRESSE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CITY: Lexington
STABLE: Massachusetts
COUNTRY: U.S.A.
ZIP: DAZABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BEADABLE FORM:
MEDIUM TYPE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PILING DATE:
CLASSIFICATION NUMBER: US/08/346,849
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
NAME: Brook, DAVIG E:
REGISTRATION NUMBER: 22,592
REFERRNCE/DOCKET NUMBER: 22,592
REFERRNCE/DOCKET NUMBER: MIT-6008
TELECOMMUNICATION INFORMATION:
                                                                                             Gaps
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         Length 214;
                                                                                                                                                                                                                                          121 KKATKAAKKAATKAPAKKAATKAPAKKAATKA 160
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Query Match
Sa.9%; Score 97; DB 4; I
Best Local Similarity 67.5%; Pred. No. 0.00029;
Matches 27; Conservative 1; Mismatches 10;
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Sequence 14, Application US/08995172B

Patent No. 621812

GENERAL INFORMATION:

APPLICANT: Thatcher, David R

APPLICANT: Wilks, Paula B

TITLE OF INVENTION: Optimization of Gene Delivery and Gene Delivery Systems

FILE REFERENCE: CACO0026

CURRENT APPLICATION NUMBER: US/08/995,172B

CURRENT PILING DATE: 1997-12-22

EARLIER FILING DATE: 1997-12-22

EARLIER FILING DATE: 1997-12-23

NUMBER OF SEQ ID NOS: 25

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 14

FEARLIER PILING OF SEG ID NOS: 26

SEQ ID NOS: 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                52.2%; Score 94; DB 3; Length 49; 56.4%; Pred. No. 0.00016; ive 5; Mismatches 12; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                9; Indels
                                                COMPUTER READABLE FORM:
MEDIUM TYPE: R10PPV disk
MEDIUM TYPE: R10PPV disk
COMPUTER: IBM PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/894
PRIOR APPLICATION NUMBER: 08/346,849
FILING DATE: 30 NOVENBER 1994
PRIOR APPLICATION NUMBER: 07/973,326
FILING DATE: 20 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
NAME: BROOK DAVIG E
REGISTRATION NUMBER: MIT-6008FB
REFERENCE/DOCKET NUMBER: MIT-6008FB
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 ARKKAAKAARKKAARKKAAKAARKKAARKKAAKA 40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   52.5%; Score 94.5; DB 4; 60.0%; Pred. No. 0.00017; iive 4; Mismatches 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
NAME/KEY: UNSURE
LOCATION: (49)
OTHER INFORMATION: Xaa is Cys with Acm sidechain
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 60.0°
Matches 24; Conservative
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Best Local Similarity 56.4
Matches 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear

MOLECULE TYPE: protein
US-08-898-300-16
Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 7
US-08-995-172-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ò
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                                                                                                                                APPLICANT: Holmes, Todd
APPLICANT: Zhang, Shuguang
APPLICANT: Rich, Alexander
APPLICANT: Rich, Alexander
APPLICANT: Big, Shuguang
APPLICANT: DiPersio, C. Michael
APPLICANT: Dickshin, Curtis
TITLE OF INVENTION: STRALE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 60;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABDRESSEE:
STREEST TWO Mill.
CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER READABLE FORM:
MUDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284A
FILING DATE: 22-AUG-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 22-BU-EC-1992
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 22,592
REGISTRATION INFORMATION:
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (617) 861-9540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 ARKKAAKAARKKAAKAARKKAAKKAAKAAKA 40
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Pred. No. 0.00017;
4; Mismatches 9;
                    Sequence 16, Application US/08293284A Patent No. 5955343 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 52.5%;
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Best Local Similarity 60.0
Matches 24; Conservative
US-08-293-284A-16
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Sequence 32957, Application US/09252991A
Sequence 32257, Application US/09252991A
Parent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRIGIONORA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ARRIGIONORA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ARRIGIONORA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT PILLING DATE: 1999-02-18
FILE REFERENCE: 107196-136
CURRENT FILLING DATE: 1998-02-18
FRIOR FILING DATE: 1998-02-18
FRIOR PILLING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 32957
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                                                          COUNTK:: John COUNTK:: John COMPUTER: DORN:
MEDIUM TYPE: Floppy disk COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk COMPUTER: TIM PC COMPAGE SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION NUMBER: US/09/150,812
FILING DATE: 11-Sep-1998
CLASSIFICATION: JOHN COUNTER: US/09/150,812
FILING DATE: 11-Sep-1998
CLASSIFICATION: JOHN NUMBER: US/09/150,812
FILING DATE: JOHN NUMBER: US 60/17,268
FILING DATE: JOHN PORTER: US 60/17,268
FILING DATE: JOHN WILLIAMS
REGISTRATION NUMBER: 34,380
REGISTRATION NUMBER: 34,380
REGISTRATION NUMBER: 3255/5390
TELEPHONE: 617-345-911
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 49 amino acids
TOTALED CONTENTION CONTENTION:
LENGTH: 49 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 ARKKAAKAARKKAARKKAAKAARKKAAKAAK 39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          52.2%; Score 94; DB 4; I
ilarity 61.5%; Pred. No. 0.00088;
Conservative 1; Mismatches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: unknown
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-32957
                                   STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
Matches 24; Conserv
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Patent No. 6395891;
GENERAL INFORMATION:
APPLICANT: Karn et al.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .
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Patent No. 6225045
GENERAL INFORMATION:
APPLICANT: Karn et al.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
TITLE OF INVENTION: HIV INFECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 94; DB 3; Length 49;
Pred. No. 0.00016;
5; Mismatches 12; Indels
1 ARKKAAKAARKKAAKAARKKAAKAAKAARKAAK 39
                                       1 ARKKAAKAARKKAAKKAAKKAAKKAAKKAAK 39
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ADDRESSEE: Banner & Witcoff, Inc.
STREET: One Financial Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

FILLING DATE: APPLICATION DATA:

RIGASSIFICATION: 435

RIGASSIFICATION: 435

PRICA PAPLICATION DATA:

APPLICATION NUMBER: PCT/GB96/78191

FILLING DATE: 15-APR-1996

PRICA PAPLICATION DATA:

APPLICATION NUMBER: PCT/GB96/78191

FILLING DATE: 13-APR-1996

ATPLICATION NUMBER: 34,380

REGISTRATION NUMBER: 34,380

TELECOMMUNICATION: NINDERE: 3255/5390

TELECOMMUNICATION: NUMBER: 34,380

TELECOMMUNICATION: NUMBER: 34,380

TELECOMMUNICATION: NUMBER: 34,380

TELECOMMUNICATION: NUMBER: 34,380

TELECOMMUNICATION: 1NPORMATION:

TELEPRONE: 617-345-9111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: One Financial Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 56.4%;
Matches 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: One control of control of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    49 amino acids
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unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , MOLECULE TYPE: peptide US-08-839-624-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       amino acid
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                                                                                                                                                                                                               US-08-839-624-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 9
US-09-150-812-26
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Sequence 25, Application US/09150812
Sequence 25, Application US/09150812
Batent No. 6395891
GENERAL INFORMATION:
APPLICANT: Karn et al.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
HIV INFECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 48.3%; Score 87; DB 3; Length 37; Best Local Similarity 55.6%; Pred. No. 0.00073; Matches 20; Conservative 5; Mismatches 11; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3 KKAAKAARKKAARKKAAKAARKKAA 38
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APPLICATION NUMBER: US/09/150,812
FILING DATE: 11-Sep-1998
CLASSIFICATION: CURROWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/839,624
FILING DATE: CURROWN>
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
                                                                                                                                        COMPUTER: EACHDED FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/839,624
FILING DATE: APTIL 15, 1997
CLASSIFICATION NABER: PCT/GB96/78191
FILING DATE: 15-APR-1996
PRIOR APPLICATION DATE: B-APR-1996
PRIOR APPLICATION NUMBER: US 60/017,268
FILING DATE: 11-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REGISTRATION NUMBER: 34,380
REGISTRATION NUMBER: 34,380
TELEPHONE: 617,345-1100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Banner & Witcoff,
STREET: One Financial Center
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
One Financial Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         37 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
                                              STATE: Massachusetts
COUNTRY: USA
                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 14
US-09-150-812-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-839-624-25
                                                                         COUNTRY:
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APPLICANT:
Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PREDMONTAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REPERENCE: 2709.2004001
CURRENT PERLING DATE: 1099.001-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR PELLING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 13565
LENGTH: 469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    280 AEKAAEKAAAGKAAAEKAAABEKAAAEKAAAEKAAABKAAAKAAAA 330
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 54.9%; Pred. No. 0.0051;
Matches 28; Conservative 2; Mismatches 10; Indels 11;
                                                                                                                                                GENERAL INPORTION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATI
TITLE OF INVENTION: NUCLEIC ACID AND AMINO THERAPEUTICS
TITLE OF INVENTION: ARROGNOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
LENGTH: 399
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Patent No. 6225045
GENERAL INFORMATION:
APPLICANT: Karn et al.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
TITLE OF INVENTION: HIV INFECTION
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 88.5; DB 4; Length 399;
Pred. No. 0.0044;
0; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 306 AAKPAAKPAAKPVAKSAAAKPAAKPAAKPAAKPAAKPAAKPAAK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , Sequence 13565, Application US/09489039A; Patent No. 6610836
                                                                                                  ; Sequence 22853, Application US/09252991A
; Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Banner & Witcoff, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-13565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 59.1%;
Matches 26; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-489-039A-13565
                                                      RESULT 11
US-09-252-991A-22853
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US-08-839-624-25
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Gaps

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Sequence 21, Application US/08995172B

| Sequence 21, Application US/08995172B
| Patent No. 621812
| GENERAL INFORMATION:
| APPLICANT: Thatcher, David R
| APPLICANT: Wilks, Paula E
| TILLE OF INVENTION: Optimization of Gene Delivery and Gene Delivery Systems
| TILLE OF INVENTION: Optimization of Gene Delivery and Gene Delivery Systems
| TILLE OF INVENTION: Optimization of Gene Delivery and Gene Delivery Systems
| CURRENT APPLICATION NUMBER: US/08/995,172B
| CURRENT FILING DATE: 199-12-22
| BARLIER FILING DATE: 1996-12-23
| NUMBER OF SEQ ID NOS: 25
| SOFTWARE PLANCE REPORT OF THE PROPERTY OF THE PROP
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LOCATION: (38)
OTHER INFORMATION: Xaa is Cys with Acm sidechain
FEATURE: PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Peptide
US-08-995-172-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 48.3%; Score 87; DB 4; Length 37; Best Local Similarity 55.6%; Pred. No. 0.00073; Matches 20; Conservative 5; Mismatches 11; Indels
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48.3%; Score 87; DB 3; Length 38;
Best Local Similarity 55.6%; Pred. No. 0.00075;
Matches 20; Conservative 5; Mismatches 11; Indels
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APPLICATION NUMBER: US 6/017,268
FILING DATE: 13-MAY-1996
NTTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/5390
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9110
TELEPHONE: 617-345-9110
TELEPHONE: 617-345-9111
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 amino acids
TYPE: amino acids
SEQUENCE THEORY
SECUENCE THEORY
SECUENC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-995-172-21
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Sequence Sequence Sequence

63911, A 623, Appl 551, Appl 451, Appl 451, Appl 461, Appl 461, Appl 3684, Appl 3684, Appl 3684, Appl 551, Appl 101, Appl 101, Appl 951, Appl 961, Appl

Sequence 51, Sequence 51, Sequence 45, Sequence 46, Sequence 46, Sequence 46, Sequence 46, Sequence 53, Sequence 53, Sequence 53, Sequence 53, Sequence 51, Sequence 101, Sequence 101,

59321, A 193381, 53742, A

Sequence

Sequence Sequence Sequence

Sequence Sequence Sequence

Sequence Sequence Sequence

protein -

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Run on:

Sequence:

Searched:

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WESULT APPLICATION WOUNDSTREET OF APPLICATION US/10282122A
| Sequence 66237, Application US/10282122A
| Publication No. US20040029129A1
| GENERAL INFORMATION:
| APPLICANT: Wang, Liangsu
| APPLICANT: Wang, Liangsu
| APPLICANT: Wal, Carlor
| APPLICANT: Obleen, Rari
| APPLICANT: Obleen, Rari
| APPLICANT: Wal, Daniel
| APPLICANT: Wal, Daniel
| APPLICANT: Wal, Daniel
| APPLICANT: Wal, Grant
| APPLICANT: Wal, Carr, Grant
| APPLICANT: Wal, Carr, Grant
| APPLICANT: Wal, Mal, Daniel
| APPLICANT: Wal, Mal, Daniel
| APPLICANT: Xi, Ha. |
| TITLE OF INVENTION: Infentification of Essential Genes in Microorganisms
| TITLE OF INVENTION: Infentification of Essential
| APPLICANT: Xi, Ha. |
| TITLE OF INVENTION: Infentification of Essential
| APPLICANT: Xi, Ha. |
| TITLE OF INVENTION: Infentification of Essential
| APPLICANT: Xi, Ha. |
| TITLE OF INVENTION: 1000-02-20
| PRIOR PRILORATION NUMBER: 60/206, 848
| PRIOR FILING DATE: 2000-05-23
| PRIOR FILING DATE: 2000-05-23
| PRIOR FILING DATE: 2000-05-09
| PRIOR FILING DATE: 2000-10-23
| PRIOR FILING DATE: 2000-10-23
| PRIOR FILING DATE: 2000-11-27
| PRIOR PRILORATION NUMBER: 60/253, 625
| PRIOR FILING DATE: 2000-11-27
| PRIOR PRILORATION NUMBER: 60/257, 931
| PRIOR PRILORATION NUMBER: 60/257, 931
| PRIOR PRILORATION NUMBER: 60/267, 636
| PRIOR FILING DATE: 2000-11-27
| PRIOR PRILORATION NUMBER: 60/267, 636
US-10-282-122A-63911

US-08-282-633A-23

US-10-393-449-51

US-10-393-449-51

US-10-393-449-45

US-10-393-449-45

US-10-393-449-45

US-10-393-449-46

US-10-393-449-46

US-10-393-449-46

US-10-177-725-46

US-10-177-725-46

US-10-393-449-53

US-10-393-449-53

US-10-393-449-94

US-10-393-449-94

US-10-393-449-96

US-10-393-449-96

US-10-393-449-96

US-10-393-449-96

US-10-393-449-96

US-10-393-449-96

US-10-393-449-96

US-10-177-725-96

US-10-282-122A-53742

US-10-282-122A-53742

US-10-177-725-103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ALIGNMENTS
      \data 
      Sequence 66237, A Sequence 120, App Sequence 69962, A Sequence 55748, A Sequence 55748, A Sequence 62547, A Sequence 95, Appl Sequence 75, Appl Sequence 75, Appl Sequence 7514, Appl Sequence 74, Appl Sequence 7819, Appl Sequence 50803, A Sequence 50803, A
                                                                                                                                                    , Search time 63.0693 Seconds
(without alignments)
199.100 Million cell updates/sec
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1: / cgn2 = f/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

2: / cgn2 = f/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

3: / cgn2 = f/ptodata/1/pubpaa/USO6 NEW PUB.pep:*

4: / cgn2 = f/ptodata/1/pubpaa/USO6 PUBCOMB.pep:*

5: / cgn2 = f/ptodata/1/pubpaa/USO7 NEW PUB.pep:*

6: / cgn2 = f/ptodata/1/pubpaa/USO7 NEW PUB.pep:*

7: / cgn2 = f/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

8: / cgn2 = f/ptodata/1/pubpaa/USO8 NEW PUB.pep:*

9: / cgn2 = f/ptodata/1/pubpaa/USO8 PUBCOMB.pep:*

10: / cgn2 = f/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

11: / cgn2 = f/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

12: / cgn2 = f/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

13: / cgn2 = f/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

14: / cgn2 = f/ptodata/1/pubpaa/USO0 PUBCOMB.pep:*

15: / cgn2 = f/ptodata/1/pubpaa/USO0 PUBCOMB.pep:*

16: / cgn2 = f/ptodata/1/pubpaa/USO0 PUBCOMB.pep:*

17: / cgn2 = f/ptodata/1/pubpaa/USO0 NEW PUB.pep:*

18: / cgn2 = f/ptodata/1/pubpaa/USO0 NEW PUB.pep:*

18: / cgn2 = f/ptodata/1/pubpaa/USO0 NEW PUB.pep:*

18: / cgn2 = f/ptodata/1/pubpaa/USO0 NEW PUB.pep:*
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                            GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-10-127-032-120
US-10-282-122A-68109
US-10-282-122A-68109
US-10-282-122A-55748
US-10-437-963-152005
US-10-282-122A-6247
US-10-282-122A-64817
US-10-282-122A-64817
US-10-282-122A-7514
US-10-282-122A-7514
US-10-282-122A-7514
US-10-282-122A-7514
US-10-282-122A-7514
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US-10-282-122A-7614
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                 protein search, using sw model
                                                                                                                                                      August 17, 2004, 16:06:45
                                                                                                                                                                                                                                                                                                                                            Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
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Perfect score:
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Database :

Result No.

26429789011111

us-09-496-391-42.rapb

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INVENTIÓN: Identification of Essential Genes in Microorganisms
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                           TITLE REFERENCE: ELITRA, 034A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT APPLICATION NUMBER: US/2-20

CURRENT APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR PLING DATE: 2000-05-23

PRIOR APPLICATION NUMBER: 60/206,848

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR APPLICATION NUMBER: 60/230,335

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR PILING DATE: 2000-11-22

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR PILING DATE: 2000-10-29

PRIOR PILING DATE: 2000-10-29

PRIOR PILING DATE: 2001-02-19

PRIOR PILING DATE: 2001-02-19

PRIOR FILING DATE: 2001-02-19

PRIOR PILING DATE: 2001-02-19

PRIOR PILING DATE: 2001-02-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR APPLICATION NUMBER: 60/206,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/230,347
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Zyskind, Judith
Wall, Daniel
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Matches 24; Conservative
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| Sequence 120, Application US/10127032
| Publication No. US20030113742A1
| September 1 Normation of US20030113742A1
| APPLICANT: Whiteley, Marvin
| APPLICANT: Whiteley, Marvin
| APPLICANT: Corresponding to the Composition of US20070 of 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ARKKAAKAARKKAAKKAAKAARKK-AAKAARKKAA 38
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                                                                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-10-282-122A-66237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Pseudomonas aeruginosa
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
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Carr, Grant
Yamamoto, Robert
Forsyth, R.
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APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
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                                                                                                                                  Length 336;
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Pred. No. 0.00031;
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                                                                                                                                                 9; Mismatches
                                                                                                                                                                                                      5-10-282-122A-55748
Sequence 55748, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION;
                                                                                                        TYPE: PRT ORGANISM: Pseudomonas syringae
                                                                                                                                                                                                                                  APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
                                                                                                                                  58.9%;
llarity 60.5%;
Conservative
                                                                                                                                                                                                                                                                           Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                             Query Match
Best Local Similarity
                                                                                                                      US-10-282-122A-6996
                                                                                          SEQ ID NO 69962
LENGTH: 336
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US-10-47-963-152005

US-10-477-963-152005

Sequence 152005, Application US/10437963

Publication No. US2004012334341

Publication No. US2004012334341

SEQUENCAL TRORMATION:

APPLICANT: Box, Thomas J.

APPLICANT: Boukharov, Andrey A.

APPLICANT: Buckharov, Andrey A.

APPLICANT: Bring Buckharov, Andrey A.

FILE REFERENCE: 38-21(53221)B

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO 152005

LENGTH: 827
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THE OF INVENTION:
THE OF INVENTION:
THE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT PILLING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
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                                                                                                                                             Length 428;
                                                                                                                                       Query Match
55.0%; Score 99; DB 12; Length 42
Best Local Similarity 62.5%; Pred. No. 0.0022;
Matches 25; Conservative 2; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                             198 AAKKAAADAQKKAEAEAAKKAAQEAEKKAAAEAAKKAAAA 237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_52099C.l.pep
US-10-437-963-152005
                                                                                                                                                                                                                                                        40
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; LENGTH: 428
; TYPE: PRT
; ORGANISM: Enterobacter cloacae
US-10-282-1228A-55748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
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Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Carr, Grant
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APPLICANT:
APPLICANT:
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Query Match 53.9%; Score 97; DB 14; Length 214; Best Local Similarity 67.5%; Pred. No. 0.0019; Matches 27; Conservative 1; Mismatches 10; Indels
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SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-10-229-567-27
                                                                                                                                                                             TYPE: PRT ; ORGANISM: Mycobacterium tuberculosis US-10-282-122A-64817
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 27, Application US/10229567
Publication No. US20030092080A1
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (619) 535-8949
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: San Diego
STATE: California
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US-10-229-567-27
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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                                                  Sequence 64817, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
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PRIOR FILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-06
PRIOR FILING DATE: 2000-05-06
PRIOR PLING DATE: 2000-05-06
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OR FILING DATE: 2000-09-06

OR FILING DATE: 2000-09-09

OR FILING DATE: 2000-10-23

OR FILING DATE: 2000-10-23

OR PILING DATE: 2000-11-27

OR FILING DATE: 2000-11-27

OR FILING DATE: 2000-11-27

OR FILING DATE: 2000-11-27

OR FILING DATE: 2000-11-27
            APPLICATION NUMBER: 60/207,727
APPLICATION NUMBER: 60/207,727
APPLICATION NUMBER: 60/206,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: Mycobacterium bovis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
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Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SULT 8
-10-282-122A-64817
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Cohavy, Offer TITLE OF INVENTION: Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC pANCA antigens
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PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 64817
LENGTH: 214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  121 ккаткааккааткараккааткараккааткараккаука 160
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REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE: «Unknown»
APPLICATION NUMBER: US 09/041,889
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
REPLICATION NUMBER: US/10/229,567
FILING DATE: 27-Aug-2002
CLASSIFICATION: <Unknown>
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TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-02-02
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-03
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
ENGTH: 369
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ò
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ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTY 13.2...

COUNTY 13.4799

COMPUTER READABLE FORM:
MEDIUUT TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPA:
APPLICATION NUMBER: US/10/390,472
FILING DATE: 17-Mar-2003
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-BEC-1992
ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 22,592
REFERENCE FOCKET NUMBER: MIT-6008A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 12
US-10-390-472-16
; Sequence 16, Application US/10390472
; Publication No. US20040087013A1
; GENERAL INFORMATION:
APPLICANT: Holmes, Todd
Zhang, Shuguang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Zhang, Shuguang
Rich, Alexander
DiPersio, C. Michael
Lockshin, Curtis
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STATE: Massachusetts
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Treponema pallidum
US-10-282-122A-76514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 64
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Best Local Similarity 51.3
Matches 20; Conservative
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US-09-820-843A-95
Sequence 95, Application US/09820843A
Publication No. US2030309963A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICATOR:
APPLICATOR:
APPLICATOR:
APPLICATOR:
APPLICATOR:
APPLICATOR:
APPLICATOR:
APPLICATION WORDER:
TITLE OF INVENTION:
TITLE OF INVENTION:
CURRENT AS CONFUTATIONAL METHOD FOR THE IDENTIFICATION OF CANDIDATE PROTEI
TITLE OF INVENTION:
UNMERN OF SEQ 10 NUMBER: US/09/820,843A
CURRENT FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 118
SOFTWARE: PATENTING PATE:
CURRENT AS DETENTION OF CANDIDATE PROTEI
SOFTWARE: PATENTIAL OF SEQ 10 NOS: 118
SOFTWARE: PATENTIAL OF SEQ 10 NOS: 118
SEQ 10 NO 95
LENGTH: 369
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                                                                                                            121 KKATKAAKKAATKAPAKKAATKAPAKKAATKAPAKKAVKA 160
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
OTHER INFORMATION: conserved hypothetical protein
NAME/KEY: misc_feature
OTHER INFORMATION: gi|3322751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-282-122A-76514
; Sequence 76514, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Ohlsen, Kari
APPLICANT: Tyskind, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: T. pallidum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-820-843A-95
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 2000-09-06

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR FILING DATE: 2000-09-09

PRIOR FILING DATE: 2000-10-23

PRIOR PLICATION NUMBER: 60/24,578

PRIOR PLICATION NUMBER: 60/253,625

PRIOR PLICATION NUMBER: 60/257,931

PRIOR FILING DATE: 2000-11-27

PRIOR PLICATION NUMBER: 60/257,931

PRIOR PLICATION NUMBER: 60/257,636

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-16

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 78614

SOFTWARE: Patentin version 3.1

**SEQ ID NO 79190

**TUMENT OF 2001-02-16

**TUMENT OF 2001-02-16

**SEQ ID NO 79190

**TUMENT OF 2001-02-16

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PRIOR FILING DATE: 2000-03-21,078
PRIOR FILING DATE: 2000-03-21,078
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/200,335
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-10-23
PRIOR PRILING DATE: 2000-10-23
PRIOR PRILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-10-26
PRIOR PILING DATE: 2000-10-26
PRIOR PILING DATE: 2000-10-2-09
PRIOR PILING DATE: 2000-10-2-09
PRIOR PILING DATE: 2000-10-2-09
PRIOR PILING DATE: 2001-02-09
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ITILE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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Pred. No. 0.007;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 50803, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
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APPLICANT: Banudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Trawick, John
Carr, Grant
Yamamoto, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Zyskind, Judith
Wall, Daniel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Yersinia pestis
US-10-282-122A-78190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ohlsen, Kari
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Matches 24; Conserv
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Publication No. US20030039953A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
A COMPUTATIONAL METHOD FOR THE IDENTIFICATION OF CANDIDATE PROTEITILE OF INVENTION: USEFUL AS ANTI-INFECTIVES
FILE OF INVENTION: USEFUL AS ANTI-INFECTIVES
FILE REFERENCE: Q63915
CURRENT PILLING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 118
SOFTWARE: Patentin version 3.0
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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NAME/KEY: misc feature
CTHER INFORMATION: POlyhydroxyalkanoate synthesis protein PhaF
NAME/KEY: Misc feature
CTHER INFORMATION: gi|9951352
                                                                                                                     Length 60;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         52.2%; Score 94; DB 10; Length 309; ilarity 61.5%; Pred. No. 0.0056; Conservative 1; Mismatches 14; Indels
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                                                                                                                                                                                                                                                                                                          188 АКТАААКРААКРТАКААКРАТКРАТКРААКРААКРААК
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                                                                                                                     52.5%; Score 94.5; DB 16; 60.0%; Pred. No. 0.001;
                                                                                                                                                                                           4; Mismatches
                  SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 78190, Application US/10282122A Publication No. US20040029129A1
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PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyekind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
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Yamamoto, Robert
Forsyth, R.
                                                                                                                                                   Local Similarity 60.0
nes 24; Conservative
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Best Local Similarity
Matches 24; Conserva
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US-10-390-472-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 24
LENGTH: 309
                                                                                                                     Query Match
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2; Gaps
                                                                                                                                                         Query Match 52.2%; Score 94; DB 12; Length 875; Best Local Similarity 63.4%; Pred. No. 0.015; Matches 26; Conservative 1; Mismatches 12; Indels
                                                                                                                                                                                                                                          ; NUMBER OF SEQ ID NOS: 78614
; SCFTWARE: Patentin version 3.1
; SEQ ID NO 50803
; LENGTH: 875
; TYPE: PRT
; ORGANISM: Bordetella pertussis
US-10-282-122A-50803
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Search completed: August 17, 2004, 17:19:21 Job time : 64.0693 secs

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us-09-496-391-43.rai

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RESULT 1

US-09-252-991A-29581

j Sequence 29581, Application US/09252991A

j Patent No. 6551795

j GENERAL INFORMATION:

j PATENT NO. 6551795

j GENERAL INFORMATION:

j TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

j TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

j TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

j TITLE OF INVENTION: ABOUGHNOSA FOR DIAGNOSTICS AND THERAPEUTICS

j TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US 60/074,788

pRIOR PPLING DATE: 1998-02-18

pRIOR PPLING DATE: 1998-07-27

j PRIOR FILING DATE: 1998-07-27

j RIOR FILING DATE: 1998-07-27

j RIOR PLING DATE: 1998-07-27

j ROADINSH OF SEQ ID NOS: 33142

j TYPE: PRT

rYPE: PRT

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j TYPE: PRT

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Sequence 27 Application US/09041889

Sequence 27 Application US/09041889

Patent No. 603864

SENERAL INFORMATION:

APPLICANT: Braun, Jonathan

APPLICANT: Cohavy, Offer

TILE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using

TILE OF INVENTION: Macrobial UC PANCA antigens

TILE OF INVENTION: Macrobial UC PANCA antigens

TILE OF INVENTION: Macrobial UC PANCA antigens

TILE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using

TILE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using

TILE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using

TILE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using

TILE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using

TILE OF INVENTION: Using Colitis Coli
                                            Sequence 13, Appl
Sequence 25, Appl
Sequence 21, Appl
Sequence 22, Appl
Sequence 5, Appli
Sequence 6, Appli
Sequence 26, Appl
Sequence 26, Appl
Sequence 26, Appl
Sequence 26, Appl
Sequence 7, Appl
Sequence 13, Appli
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US-08-436-703B-15
US-08-925-991A-22853
US-08-939-624-25
US-08-939-624-25
US-08-939-172-21
US-08-939-172-21
US-08-939-172-21
US-08-939-172-21
US-08-939-172-14
US-08-939-172-14
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US-08-939-172-14
US-08-939-172-14
US-08-939-172-6
US-08-939-172-7
US-08-939-172-7
US-08-939-173-6
US-08-939-172-6
US-08-939-173-6
US-08-939-173-6
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                                                                                                                                                                  August 17, 2004, 15:50:03 ; Search time 11.9406 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GenCore version 5.1.6 (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-252-991A-29581
US-09-041-889-27
US-08-152-488-13
US-08-303-025-15
US-08-303-025-15
US-08-303-025-16
US-08-346-849-16
US-08-346-849-16
US-08-346-849-16
US-08-346-849-16
US-08-393-284A-16
US-08-393-284A-16
US-08-393-284A-16
US-08-393-284A-12
US-08-393-025-14
US-08-393-025-14
US-08-303-025-12
US-08-303-025-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-436-703B-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                389414 seqs, 51625971 residues
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108
1 ARKKAAKAAKKAAKA 24
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Maximum Match 100%
Listing first 45 summaries

    protein search, using sw model

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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length
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                                                                                                                                                                                                                                                                                                                            Sequence:
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Gaps

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Length 214;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wakefield, Thomas W.
APPLICANT: Marews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:

ADRESSE: Benita J, Rohm, Esq.
STREET: S12 Springfield Avenue
STATE: New Jersey
COUNTRY: United States of America
STATE: New Jersey
COUNTRY: United States of America
SIATE: New Jersey
COUNTRY: United States of America
SIP: 07016-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-NGG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, Benita J
                                                                                                                                                                        60.2%; Score 65; DB 4; 62.5%; Pred. No. 0.23;
                                                                                                                                                                                                                    2; Mismatches
                                                                                                                                                                                                                                                                                  1 ARKKAAKAARKKAAKA 24
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MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Rohm, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
TELEFAX: 908-276-5543
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 13, Application US/08152488 Patent No. 5534619 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           59.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 908-2/2 INFORMATION FOR SEQ ID NO: 13 SEQUENCE: TANGTH: 32 AMING ACIDS
                                                : 214 amino acids
amino acid
                                                                                                                                                                          Query Match
Best Local Similarity 62.55
Matches 15; Conservative
                                                                    TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-09-417-264-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: N/
TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                 US-08-152-488-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-152-488-13
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Ulcerative Colitis, and Clinical Subtypes Thereof, Using
Microbial UC pANCA antigens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60.2%; Score 65; DB 3; Length 214; 62.5%; Pred. No. 0.23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7; Indels
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
SURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2; Mismatches
                                                                                                                                                                      CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER:
PLING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTAATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 9-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-9001
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: CAMDED-11, CENTYN A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 ARKKAAKAARKKAAKA 24
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Patent No. 6537768
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prev
TITLE OF INVENTION: Microbial UC ph
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 62.55
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide US-09-041-889-27
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Sequence 13, Application US/08677304
Patent No. 5721212
Patent No. 57212
Patent No. 5721212
Patent No. 57212
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PUBLICATION INFORMATION:
AUTHORS: N/A
                             Gaps
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Best Local Similarity 65.4%; Pred. No. 0.053;
Matches 17; Conservative 2; Mismatches 5; Indels
                             Indels
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US-08-303-025-15
VS-08-303-025-15
VS-08-303-025

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STATE: Michigan
COUNTRY: United States of America
ZIP: 48226-4415
COMPUTEX: United States of America
COMPUTEX: United States of America
COMPUTEX: ISABABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
COMPUTER: OB OFFICE 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/152,488
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 14-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REFERENCE/DOCKET NUMBER: 7WH-060548-00231
TELEPHONE: 313-496-7622
TELEPHONE: 313-496-8454
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
TYPERSENCE AND ACID NO: 15:
LENGTH: 32 amino acids
TYPENDER AND ACID NO
TELENCE AND ACID NO: 15:
LENGTH: 32 amino acids
TYPENDER AND ACID NO
TELENCE CHARACTERISTICS:
LENGTH: 32 amino acids
TYPENDER AND ACID NO
TELENCE AND A
                             2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Benita J, Rohm, Esg.
STREET: 150 West Jefferson, Suite 2500
                                                                                                                                           1 ARKKAAKAAR - - KKAAKAARKKAAKA 24
                                                                                                                                                                                                     5 AAKKAKKAAKKAAKKAAKKA 30
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DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-303-025-15
                             17; Conservative
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PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             peptide
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TOPOLOGY: N/A
MOLECULE TYPE: peptid
ORIGINAL SOURCE:
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                                  Matches
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65.4%; Pred. No. 0.053;
tive 2; Mismatches 5; Indels
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Patent No. 5919761
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 ARKKAAKAAR -- KKAAKAARKAAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ||| |||: ||||| |:| ||| ||:| || || ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| ||:| 
TITLE: N/A

PUBLICATION INFORMATION:

DOCUMENT NUMBER: PCT/US92/08069

FILING DATE: 14-AUG-1993

US-08-677-304-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               17; Conservative
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Best Local Similarity
Matches 17; Conserva
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US-08-436-703B-2
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1 ARKKAAKAAR--KKAAKAARKAAKA 24 

RESULT 6 US-08-677-304-13

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Gaps
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Patent No. 5919761
GENERAL INFORMATION:
APPLICANT: Wakefield Thomas W.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR TITLE OF INVENTION: WEIGHT HEPARIN AND LOW MOLECULAR; TITLE OF INVENTION: WEIGHT HEPARIN ITLE OF INVENTION: WEIGHT HEPARIN ITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES:
CORRESPONDENCE ANDRESS:
ADDRESSER: Benita J, Rohm, ESG.
                 COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS v.6.22
SOFTWARE: Worderfect 6.1; ASCII (DOS) Text
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION DATA:
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTOCANEY/AGENT INFORMATION:
NAME: ROHM, Benita J.
REPERSECE/DOCKET NUMBER: 7WH-060548-00231
TELEPHONE: 313-496-7762
TELEPHONE: 313-496-7762
INFORMATION INFORMATION:
TELEPHONE: 313-496-8454
INFORMATION CORRESSION:
SEQUENCE CHARACTERISTICS:
                                                                                                                        (DOS) Text
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: Seulta J, Rohm, ESG.
STREET: G601 Woodward Avenue
STREET: Suite 1525
CITY: Detroit
STATE: Michigan
COUNTR: United States of America
ZIP: 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORDPEFECT 6;
SOFTWARE: ASCII (DOS) Text
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 ARKKAAKAAR--KKAAKAAKA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TITLE: N/A;
; DOCOMENT NUMBER: PCT/US92/08069;
; FILING DATE: 14-AUG-1993
US-08-303-025-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino e
STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            sequence 16, _Application US/08303025; Pattent No. 5614494; GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita T "."
                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: WordPerfect 6;
SOFTWARE: ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WA
FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REGISTRATION NUMBER: 28,664
RECISTRATION NUMBER: 28,664
RECISTRATION NUMBER: 28,664
RECISTRATION NUMBER: 28,664
RECISTRATION NUMBER: 313-965-1951
TELEPHONE: 313-965-1951
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR IIILE OF INVENTION: WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL
                                                                                                                                                                                                                                                          ZIP: 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5 AAKKAKKAAKKAKKAAKKA 30
                                                                                                                                                                                      CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Michigan
: United States of America
                                                                                                                ADDRESSEE: Benita J, Rohm, Esq. STREET: 6601 Woodward Avenue STREET: Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 32 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OKIGANISM: N/A
PUBLICATION INFORMATION:
                                                                 NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      N/A
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US-08-436-703B-2
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US-VOI-291-284A-10.

Sequence 16, Application US/08293284A

Patent No. 595343

GENERAL INFORMATION:

APPLICANT: Along, Shuquang

TITLE OF INVENTION: STEALE MACROSCOPIC MEMBRANES FORMED BY

TITLE OF INVENTION: STEALE ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES

TITLE OF INVENTION: THEREFOR

NUMBER OF SEQUENCES: 64

CORRESPONDENCE ADDRESS:

ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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ZIP: 02.73-4799

COMPUTER READABLE FORM:

MEDTUM TYPE: FIDEPY disk

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENTIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/293,284A

FILING DATE: 22-AUG-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/973,326

FILING DATE: 28-DEC-1992

ATTORNEY/AGENT INPORMATION:

NAME: Brook, David E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 58.8%; Score 63.5; DB 2; Best Local Similarity 60.7%; Pred. No. 0.11; Matches 17; Conservative 2; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                         Score 63.5; DB 1;
Pred. No. 0.11;
2; Mismatches 4;
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REFERENCE/COCKET WINDRER: MIT-6008A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEPAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
TELECOMMUNICATION INFORMATION:
                                                     TELEFAX: (617) 861-9540

INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS: LENGTH: 60 amino acids TYPE: amino acid TYPE: amino acid TYPE: TYPE: protein US-08-346-849-16
                                 (617) 861-6240
                                                                                                                                                                                                                                                                                                                                               58.8%;
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                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 60.7
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  amino acid
GY: linear
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Sequence 16, Application US/08346849

Partent No. 5670483

APPLICANT: Chang, Shuguang

APPLICANT: Lockshin, Curtis

APPLICANT: Holmes, Todd

TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES

TITLE OF INVENTION: THEREFOR

TITLE OF INVENTION: BROOK, SMITH & REYNOLDS, P.C.

STATE: Massachusetts

CONTY: Lexington

STATE: Massachusetts

CONFUTER: IBM PC compatible

COMPUTER: IBM PC COMPUTER: IB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 33;
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                                                                                                                                                                                                                                                                                                                            7WK-060548-00233
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                          CORRELL AFFLICATION DATE: US/08/436,703B
PILING DATE: 08-MAY-1995
CLASCETCATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
ATTORNEY ROAM; BENITA J.
NAME: ROAM; BENITA J.
REGISTRATION NUMBER: 28,664
REGISTRATION NUMBER: 7WK-060548-0
TELEPHONE: 313-965-1976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 ARKKAAKAAR--KKAAKAARKKAAKA 24
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SR: MIT-6008
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CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
NAME: Brock, pavid E.
REFERENCE/DOCKET NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008
                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 4: SEQUENCE FRARACTERISTICS: LENGTH: 33 amino acids TYPE: amino acid STRANDEDNESS: N/A TOPOLOGY: N/A MOLECULE TYPE: peptide ORIGINAL SOURCE:
         CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
US-08-436-703B-4
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                                                                                                                                          US-08-98-98-00

| Sequence 16, Application US/08898300

| Patent No. 6548630

| GENERAL INFORMATION:

| APPLICANT: Zhang, Shuguang

| APPLICANT: Lockshin, Curtis

| APPLICANT: Lockshin, Curtis

| APPLICANT: Lockshin, STABLE MACROSCOPIC MEMBRANES FORMED BY

| TITLE OF INVENTION: SIET-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES

| TITLE OF INVENTION: THEREFOR

| TITLE OF INVENTION: THEREFOR

| NUMBER OF SEQUENCES: 64

| CORRESPONDENCE ADDRESS:

| ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

| STREET: Massachusetts

| CONTRY: U.S.A.

| STATE: Massachusetts

| COMPUTER: IBM PC compatible

| COMPUTER: IBM PC compatible

| OPERATING SYSTEM: PC-DOS/MS-DOS

| SOFTWARE: PatentIn Release #1.0, Version #1.25

| CURRENT APPLICATION DATA:

| APPLICATION DATA: U.S.A.

| STATE: PatentIn Release #1.0, Version #1.25

| CURRENT APPLICATION DATA: U.S.A.

| APPLICATION DATA: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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Patent No. 5534619
GENERAL INFORMATION:
APPLICANT: Warefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 22 JULY 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,849
FILING DATE: 30 NOVENBER 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008FB
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
1 ARKKAAKAARAKAAKA----ARKKAAK 23
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TELEFAX: (781) 861-9540
INPORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 60.7
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       amino acid
GY: linear
                                                                                                    RESULT 12
US-08-898-300-16
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NUMBER OF ENDUREDS:

NUMBER OF SEQUENCES:

ADDRESSED: Benita of Roum, Beq.

STREET: 512 Epringial d Avenue

COMMUTER READALE FORM:

NOTIOL: 181 MP C compatible

OPERATING SYSTEM: WS-DOS

SOUTHAIN SYSTEM: WS-DOS

SOUTHAIN SYSTEM: WS-DOS

STREET: 512 Epringial d Avenue

COMMUTER READALE FORM:

WS-DOS AVENUE READALE FORM:

RELING DATE: 100 MD AVENUE AVENUE

TELENOTION DATE: 100 MD AVENUE

REPERENT SOUTH WINGERS READALE

SOUTH S
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Search completed: August 17, 2004, 16:14:39 Job time : 11.9406 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ò
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-677-304-12

Sequence 12, Application US/08677304

Patent No. 5721212

GENERAL INFORMATION

APPLICANT: Wakefield, Thomas W. APPLICANT: Andrews, Philip C. APPLICANT: Stanley, James C. TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN DITLICE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN DITLICE OF INVENTION: ANTICOACULATION REVERSAL NUMBER OF SUCUENCES: 13

CORRESPONDENCE ADDRESS: ANTICOACULATION REVERSAL NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE: Benita J, Rohm, Esq. STREET: Size Springfield Avenue CITY: Cranford STREET: Dersey disk COMPUTER: NEW JORSEY OF STREET: Size Springfield FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC Compatible OPERATING SYSTEM: MS-DOS SOFTWARE: WORDCHECT 6; ASCII (DOS) Text CURRENT APPLICATION DATA:

**APPLICATION NUMBER: US/08/677,304

FILING DATE: SIRONDER: US/08/677,304
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC comparible
OPERATING SYSTEM: MS-DOS v. 6.2
SOCTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 14-AUG-1992
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INPORMATION:
NAME: Rohm, Benita J.
NAME: Rohm, Benita J.
NAME: Rohm, Benita J.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-496-8454
INPORMATION POS SEG ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 anino acids
TUBNET AND ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 RKKAAKAARKKAAKA 24
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; DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 15
US-08-677-304-12
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Gaps
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROAM, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
TELEPHONE: 908-276-5343
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acids
STRANDEDNESS: NO. 5721212 Relevant
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 KKKAAKKA-KKAAKKAKA 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TITLE: N/A;
; PUBLICATION INFORMATION:
; DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-677-304-12
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August 17, 2004, 16:06:45 ; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Published Applications AA:*

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2: /cgn2_6/prodata/1/pubpaa/PCT_NBW PUB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1292805 seqs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                      108
1 ARKKAAKAARKKAAKAARKA 24
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                    OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Searched:
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Description	Sequence 68109, A	Sequence 66237, A	Sequence 120, App	Sequence 69962, A	Sequence 9957, Ap	Sequence 3684, Ap	Sequence 62547, A	Seguence 64817, A	Sequence 27, Appl	Seguence 55748, A	Sequence 13, Appl	Sequence 16, Appl	Seguence 185724,	Sequence 78190, A	Sequence 152005,
QI	US-10-282-122A-68109	US-10-282-122A-66237	US-10-127-032-120	US-10-282-122A-69962	US-10-156-761-9957	US-10-369-493-3684	US-10-282-122A-62547	US-10-282-122A-64817	US-10-229-567-27	US-10-282-122A-55748	US-10-169-613-13	US-10-390-472-16	US-10-424-599-185724	US-10-282-122A-78190	US-10-437-963-152005
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Score	72	71	71	7.0	67.5	67	65	65	65	65	64.5	63.5	63	63	63
Result No.		8	M	4	ហ	φ	7	00	0	10	11	12	13	14	15

SUMMARIES

PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-112-22
PRIOR APPLICATION NUMBER: 60/267,636

Sequence 53742, A Sequence 8221, Ap Sequence 124, App1 Sequence 54, App1 Sequence 104, App1 Sequence 104, App1 Sequence 53, App1 Sequence 53, App1 Sequence 52, App1 Sequence 102, App1 Sequence 102, App1 Sequence 101, App1 Sequence 51, App1 Sequence 63, App1 Sequence 64, App1 Sequen	equence 93, equence 44, equence 45,
10 - 28 - 20 - 20 - 20 - 20 - 20 - 20 - 2	-10-177-725-9 -10-393-449-4 -10-393-449-4
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11111222222222222222224444444444444444	1 4 4 4 1 6 4 10

## ALIGNMENTS

RESULT 1

US-10-282-122A-68109

Squence 68109, Application US/10282122A

Squence 68109, Application US/10282122A

Squence 68109, Application US/10282122A

Squence 68109, Application US/10282122A

Squence 68109, Application

APPLICANT: Wang, Liangsu

APPLICANT: Mang, Carlos

APPLICANT: Onlen, Carlos

APPLICANT: Onlen, Kari

APPLICANT: Carr, Grant

APPLICANT: Carr, Grant

APPLICANT: Taradck, John

APPLICANT: Yamamoto, Robert

APPLICANT: Presyth, R.

APPLICANT: Presyth, R.

APPLICANT: Presyth, R.

APPLICANT: NUMBER: 05/10/282,122A

CURRENT APPLICATION NUMBER: 06/200,727

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-66

PRIOR PILING DATE: 2000-05-65

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2003-02-20
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Carr, Grant
Yamamoto, Robert
Forsyth, R.
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                 Conservative
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ohlsen, Kari
Zyskind, Judith
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                                                                                                                                                                                                                                                                       US-10-127-032-120
                 15,
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                 Matches
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APPLICANT: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPERENCE: ELITPA.034A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR FILING DATE: 2000-03-23

PRIOR PELICATION NUMBER: 60/2034

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/230,335

PRIOR FILING DATE: 2000-05-06

PRIOR FILING DATE: 2000-09-06

PRIOR FILING DATE: 2000-09-06

PRIOR FILING DATE: 2000-10-23

PRIOR FILING DATE: 2000-11-27

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-06

PRIOR FILING DA
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PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 68109
LENGTH: 372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2; Indels
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Pred. No. 0.3;
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Publication No. US20040029129A1
GENERAL INFORMATION:
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184 AKKKAAEDAKKKAAEEAKKKAAE 206
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Malone, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin version 3.1
SEQ ID NO 66237
LENGTH: 347
                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Pseudomonas putida
US-10-282-122A-68109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             65.7%;
65.2%;
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APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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| Publication No. US20030113742A1
| Publication No. US20030113742A1
| Publication No. US20030113742A1
| APPLICANT: Whiteley, Marvin
| APPLICANT: Bangera, M. Gita
| APPLICANT: Corp. Stephen
| APPLICANT: Greenberg, Everett Peter
| TITLE OF INVENTION: BIOFILM FORMATION
| TITLE OF INVENTION: BIOFILM FORMATION
| FILE REFRENCE: US-00CP
| CURRENT FILING DATE: 2002-04-19
| PRIOR APPLICATION NUMBER: US 60/285,190
| PRIOR PELING DATE: 2001-04-20
| PRIOR APPLICATION NUMBER: US 60/344,142
| PRIOR APPLICATION NUMBER: US 60/344,142
| PRIOR APPLICATION NUMBER: US 60/344,142
| PRIOR PELING DATE: 2001-04-30
| PRIOR APPLICATION NUMBER: US 60/344,142
| PRIOR PELING DATE: 2001-04-30
| PRIOR PELING DATE: 2001-04-30
| PRIOR APPLICATION NUMBER: US 60/344,142
| PRIOR PELING DATE: 2001-04-30
| PRIOR PELING DATE: 2001-04-30
| PRIOR APPLICATION NUMBER: US 60/344,142
| PRIOR PELING DATE: 2001-04-30
| PRIOR PELING DATE: 2001-04-30
| PRIOR APPLICATION NUMBER: US 60/344,142
| PRIOR APPLICATION NUMBER: US 60/344,142
| PRIOR APPLICATION NUMBER: US 60/344,142
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-202-20
       Gaps
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   Indels
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   7
6; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 65.7%; Score 71;
Best Local Similarity 65.2%; Pred. No. C
Matches 15; Conservative 6; Mismatch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 69962, Application US/10282122A
Publication No. US20040029129A1
                                                                                                               |:||||:|:||||:
163 AKKKAAEDAKKKAAEDAKKKAAE 185
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163 AKKKAAEDAKKKAAE 185
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PRIOR FILING DATE: 2000-03-21
PRIOR PLING DATE: 2000-05-23
PRIOR PLING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207, 727
PRIOR APPLICATION NUMBER: 60/207, 727
PRIOR APPLICATION NUMBER: 60/2030, 335
PRIOR APPLICATION NUMBER: 60/230, 335
PRIOR FILING DATE: 2000-05-06
                                                                         1 ARKKAAKAARKKAAK 23
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Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 62547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               S-10-282-122A-62547
Sequence 62547, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Neurospora crassa
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      셤
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR PELICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-22
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-06
PRIOR PILING DATE: 2001-02-16
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR PILING DATE: 2001-02-16
PRIOR PLING DATE: 2001-02-16
PRIOR PLING DATE: 2001-02-16
PRIOR PLING DATE: 2001-02-16
PRIOR PLING DATE: 2001-03-16
PRIOR PLING DATE: 2001-03-16
PRIOR PLING DATE: 2001-03-16
PRIOR PLING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR PLING DATE: 2001-02-16
PRIOR APPLICATION NUMBER: 00/269,308
PRIOR PLING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 00/269,308
PRIOR PLING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 00/269,308
PRIOR APPLICATION NUMBER: 00/269,308
PRIOR APPLICATION NUMBER: 00/269,308
PRIOR APPLICATION NUMBER: 00/269,308
PRIOR PLING DATE: 2001-02-16
PRIOR APPLICATION NUMBER: 00/269,308
PRIOR PLING DATE: 2001-02-16
PRIOR APPLICATION NUMBER: 00/269,308
PRIOR APPLICATION NUMBE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 64.8%; Score 70; DB 12; Length 336; Best Local Similarity 68.2%; Pred. No. 0.38; Matches 15; Conservative 5; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 5
US-10-156-761-9957
Sequence 9957, Application US/10156761
Publication No. US20030119018A1
GENERAL INFORMATION:
APPLICANT: IKEDA, HARUO
APPLICANT: IREDA, HARUO
APPLICANT: HERKAWA, HIROSHI
APPLICANT: HERKAWA, HIROSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SAFAKI, YOSHIVUKI
APPLICANT: SAFAKI, YOSHIVUKI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SAFAKI, VOSHIVUKI
APPLICANT: SAFAKI, VOSHIVUKI
APPLICANT: LADAYOSHI
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT APPLICATION NUMBER: US 2001-204089
PRIOR FILING DATE: 2001-08-02
PRIOR FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 9957
LEMATH: 258
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US-10-369-493-3684
Sequence 3684, Application US/10369493
Publication No. US20030233675A1
GENERAL INFORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ARKKAAKAARKKAAKK-AAKA 24
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; ORGANISM: Streptomyces avermitilis
US-10-156-761-9957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pseudomonas syringae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ÚS-10-282-122A-69962
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APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10 (52052) B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT APPLICATION NUMBER: US 60/360,039
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 3684
LENGTH: 685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Madone, Carlos
APPLICANT: Madone, Cheryl
APPLICANT: Ohisen, Kari
APPLICANT: Trawick, John
APPLICANT: Framic Robert
APPLICANT: Forsyth, R.
APPLICANT: Porsyth, R.
APPLICANT: POSSYth, R.
APPLICANT: POSSYth, R.
APPLICANT: APPLICATION NUMBER: 60/200, 220
PRIOR PAPLICATION NUMBER: 60/200, 727
PRIOR APPLICATION NUMBER: 60/200, 739
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/250, 331
PRIOR APPLICATION NUMBER: 60/260, 368
PRIOR APPLICATION NUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 685;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: unsure;

) LOCATION: (1)..(685)

) CTHER INFORMATION: unsure at all Xaa locations

US-10.-369-493-3684
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PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/245,578
PRIOR PILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-12-09
PRIOR PILING DATE: 2000-12-09
PRIOR PILING DATE: 2000-12-09
PRIOR PILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR PILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-16
PRIOR FILING DATE: 2001-02-16
PRIOR FILING DATE: 2001-02-16
PRIOR FILING DATE: 2001-02-16
PROMINING PLACE APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
PRIOR PILING DATE: 2001-02-16
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                                                                                                                                                         60.2%; Score 65; DB 12; Length 214; 62.5%; Pred. No. 0.99; tive 2; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE TEFERENCE: ELITRA,034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING.DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                   Sequence 64817, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                          1 ARKKAAKAARKKAAKA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/191,078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: 2yskind, Judith
APPLICANT: Trawick, John
APPLICANT: Fammancto, Robert
APPLICANT: Forsyth, R.
                                                         ) ORGANISM: Mycobacterium bovis
US-10-282-122A-62547
                                                                                                                                           Query Match
Best Local Similarity 62.58
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-282-122A-64817
LENGTH: 214
TYPE: PRT
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TITLE OF INVENTION: Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC pANCA antigens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/229,567
FILING DATE: 27-Aug-2002
FRIDM APPLICATION NUMBER: US/09/417,264
APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE: «Unknown»
APPLICATION NUMBER: US 09/041,889
FILING DATE: «Unknown»
APPLICATION NUMBER: US 09/041,889
REILING DATE: «Unknown»
APPLICATION NUMBER: US 09/041,889
FILING DATE: «Unknown»
ATORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
RECISTRATION WUMBER: 31,915
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSE: Campbell & Flores LLP
STREET: 417 is Johla Village Drive, Suite 700
CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-10-229-567-27
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US-10-282-122A-55748
US-10-282-122A-55748
Sequence 55748, Application US/10282122A
Sequence 55748, Application US/10282122A
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Zyskind, Judith
APPLICANT: Wall; Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                111 AKKVAKKAPAKKATKAAKKAATKA 134
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US-10-229-567-27; Sequence 27, Application US/10229567; Publication No. US20030092080A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (619) 535-8949 INFORMATION FOR SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 214 amino acids TYPE: amino acid
                                                                                                            APPLICANT: Braun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 92122
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Carr, Grant
Yamamoto, Robert
Forsyth, R
                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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RESULT 12
US-10-390-472-16
is Sequence 16, Application US/10390472
is Publication No. US20040087013A1
is Publication No. US20040087013A1
is GENERAL INFORMATION:
APPLICANT: Holmes, Todd
is APPLICANT: Holmes, Todd
is Rich, Alexander
is DiPersio, C. Michael
Lockshin, Curtis
is Lockshin, STABLE MACROSCOPIC MEMBRANES FORMED BY
is TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
is TITLE OF INVENTION: THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           58.8%; Score 63.5; DB 16; Length 60; 60.7%; Pred. No. 0.43; Live 2; Mismatches 4; Indels
59.7%; Score 64.5; DB 12; Length 21; conservative 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS: ADDRESSE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PROFESTER PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 17-Mar-2003
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/293,284

FILING DATE: 22-AUG-1994

APPLICATION NUMBER: 07/973,326

FILING DATE: 28-DEC-1992

ATTORNEY/ABCHT INFORMATION:

RAMBE: BYOOK, DAVIG E

REFERENCE/DOCKET NUMBER: 22,592

REFERENCE/DOCKET NUMBER: MIT-6008A

TELECOMUNICATION INFORMATION:

TELEPONE: (617) 861-6240

TELEPAX: (617) 861-640

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 60 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 ARKKAAKAARKKAAKA----ARKKAAK 23
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 13
2-10-424-59-185724
; Sequence 185724, Application US/10424599
; Publication No. US20040031072A1
                                                                                                                                        1 ARKKAAKAARKKAARKKA 21
                                                                                                                                                                                 2 AAKKAAKAA-KKAAKAAKKAA 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 58.8
Best Local Similarity 60.7
Matches 17; Conservative
             Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ÚS-10-390-472-16
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                                  APPLICANT: Xu, H.

TITLE OF INVENTION: Identification of Besential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
FRIOR PILING DATE: 2000-03-21
FRIOR APPLICATION NUMBER: 60/20/3-21
FRIOR APPLICATION NUMBER: 60/20/6-88
FRIOR APPLICATION NUMBER: 60/20/7-27
FRIOR APPLICATION NUMBER: 60/20/6-65-26
FRIOR PILING DATE: 2000-05-26
FRIOR PLING DATE: 2000-05-26
FRIOR APPLICATION NUMBER: 60/230/347
FRIOR PLING DATE: 2000-05-06
FRIOR FILING DATE: 2000-10-23
FRIOR APPLICATION NUMBER: 60/245,578
FRIOR APPLICATION NUMBER: 60/245,578
FRIOR FILING DATE: 2000-11-27
FRIOR FILING DATE: 2000-11-27
FRIOR FILING DATE: 2000-12-22
FRIOR FILING DATE: 2000-10-23
FRIOR FILING DATE: 2000-10-20
FRIOR FILING DATE: 2000-10-20
FRIOR FILING DATE: 2001-02-09
FRIOR FILING DATE: 2001-02-09
FRIOR FILING DATE: 2001-02-09
FRIOR RELING DATE: 2001-02-06
FRIOR APPLICATION NUMBER: 60/267,636
FRIOR APPLICATION NUMBER: 60/269,308
FRIOR APPLICATION NUMBER: 60/269
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Pred. No. 2;
1; Mismatches 7; Indels
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US-10-169-613-13

is Sequence 13, Application US/10169613

is Publication No. US20030086959A1

is CENERAL INFORMATION:

APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
TITLE OF INVENTION: Methods of peptide preparation
TITLE OF INVENTION: Methods of peptide preparation
FILE REFERENCE: 1181-258

CURRENT APPLICATION NUMBER: US/10/169,613

CURRENT FILING DATE: 2002-07-18

PRIOR FILING DATE: 2000-03-09

PRIOR FILING DATE: 2000-03-09

PRIOR APPLICATION NUMBER: GB 0005702.6

PRIOR FILING DATE: 1999-09-31

NUMBER OF SEQ ID NOS: 40

SOFTWARE: Patentin version 3.0

SEQ ID NO 13

LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CTHER INFORMATION: antimicrobial peptide US-10-169-613-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      214 AAKKAAQEAEKKAAAEAAKKAAA 237
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US-10-282-122A-55748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 66.7%;
Matches 16; Conservative
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ORGANISM: Artificial
FEATURE:
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Sequence 152005, Application US/10437963
; Sequence 152005, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
    APPLICANT: La Rosa, Thomas J.
    APPLICANT: Cao, Vinua
    APPLICANT: Cao, Yongwei
    APPLICANT: Boukharov, Andrey A.
    APPLICANT: Brabauk, Brad
    APPLICANT: Brabauk, Brad
    APPLICANT: Li, Ping
    TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
    TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
    TITLE OF SECTION NUMBER: US/10/437,963
    CURRENT APPLICATION NUMBER: US/10/437,963
    NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 152005
    LENGTH: 827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             58.3%; Score 63; DB 16; Length 827; 58.3%; Pred. No. 6.5;
                                                                                                                                                                   DB 12; Length 388;
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US-10-437-963-152005
                                                                                                                                                          Query Match
58.3%; Score 63; DB 1
Best Local Similarity 66.7%; Pred. No. 3.1;
Matches 16; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Search completed: August 17, 2004, 17:19:21 Job time : 37.8416 secs
                                                                                                                                                                                                                                                                                                                                          217 АЕКАААДАЕККАААДАЕККАААА 240
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Best Local Similarity 58.33
Matches 14; Conservative
                                        TYPE: PRT; ORGANISM: Yersinia pestis
US-10-282-122A-78190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-437-963-152005
               LENGTH: 388
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                                                                                                                                                                                                                                                                                                                                       g
GENERAL INFORMATION:

APPLICANT: La Rosa Thomas J

APPLICANT: La Rosa Thomas J

APPLICANT: Can Vinba
APPLICANT: Can Vinba
APPLICANT: Can Vinba
APPLICANT: Can Vingwei
TITLE OF INVENTION: SON Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5323)B
CURRENT APPLICATION NUMBER: US)10/424,599
CURRENT APPLICATION NUMBER: US)03-04-28
NUMBER OF SEQ ID NOS: 285684
LENGTH: 61
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TLE OF INVENTION: Identification of Essential Genes in Microorganisms
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Clone ID: PAT_MRT3847_138722C.1.pep
US-10-424-599-185724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 78190, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT FILING DATE: 2003-02-20.
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR PILING DATE: 2000-03-21.
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR PILING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR PILING DATE: 2000-09-09
PRIOR PILING DATE: 2000-10-23
PRIOR PELING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-10-09
PRIOR PELING DATE: 2001-02-09
PRIOR PELING DATE: 2001-02-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 ARKKAAKAARKKAAK 23
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SOFTWARE: Patentin version 3.1
SEQ ID NO 78190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Carr, Grant
Yamamoto, Robert
Forsyth, R.
Xu, H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 65.25
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Glycine max FEATURE:
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Gaps

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12, Appl
12, Appli
7, Appli
7, Appli
12, Appl
24994, A
8236, Ap
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                                                                                                                                                    August 17, 2004, 15:50:03 ; Search time 11.9406 Seconds (without alignments) 103.766 Million cell updates/sec
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Sequence 1
Sequence 1
Sequence 1
Sequence 1
Sequence 2
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Sequence 7
Sequence 1
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Sequence
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3: /cgm2_6/prodata/2/iaa/6A_COMB.pep:*
4: /cgm2_6/prodata/2/iaa/6B_COMB.pep:*
5: /cgm2_6/prodata/2/iaa/PCTUS_COMB.pep:*
6: /cgm2_6/prodata/2/iaa/PCTUS_COMB.pep:*
                       GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-410-399-4

US-08-10-399-4

US-08-152-488-4

US-08-152-488-4

US-08-1303-025-4

US-08-1303-025-5

US-08-1303-025-5

US-08-1303-025-5

US-08-1303-025-5

US-08-1303-025-5

US-08-1303-133

US-07-694-983-13

US-07-694-983-13

US-07-694-983-13

US-08-152-488-7

US-08-152-488-7

US-08-152-488-7

US-08-152-488-7

US-08-152-488-7

US-08-152-488-7

US-08-152-488-7

US-09-152-91M-24994

US-09-149-033A-236

US-09-241-333-3

US-09-241-333-3

US-09-241-333-3

US-09-241-333-3

US-09-370-881-87

US-09-370-881-87

US-09-370-881-87

US-09-370-881-87

US-09-370-881-87

US-09-370-881-87
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132
I GRKKGGKGGRKKGGKGRKKGGKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
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Perfect score:
                                                                                                                                                                                                                                                                                                                                            Scoring table:
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                                                                                                                                                                                                                                                                                                   Sequence:
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No.
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Keboul 4
US-09-410-399-4

i Sequence 4, Application US/09410399

i Patent No. 6482587

j General INFORMATION:
CENERAL INFORMATION:
APPLICANT: Robertson, Erle S.
APPLICANT: Cotter, Murray A.
TITLE OF INVENTION: Methods to Inhibit or Enhance the Binding of Viral DNA
TITLE OF INVENTION: to Genomic Host DNA
TITLE OF INVENTION: to Genomic Host DNA
TITLE OF INVENTION: to Genomic Host DNA
CURRENT APPLICATION NUMBER: US/09/410,399
CURRENT FILING DATE: 1999-10-01
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIN Ver. 2.0
SEQ ID NO 4
IENGTH: 641

TYPE: PRT
TYPE: PRT
USER OF SECENTIAL SECTION NOT SET SECTION NOT SECT
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8310, App

4, Applin

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US-09-249-585A-3
US-09-249-585A-3
; Sequence 3, Application US/09249585A
; Patent No. 6417002;
GENERAL INFORMATION:
APPLICANT: HOTLICK, Robert
; TITLE OF INVERTION: METHOD FOR MAINTENANCE AND SELECTION OF EPISOMES
; FILE REPRENCE: 0867/0D905
; FILE REPRENCE: 0867/0D905
; CURRENT APPLICATION NUMBER: 1999-02-11
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LINGYTH 641
; TYPE: PRT
; ORCANISM: Epstein Barr Virus
US-09-249-585A-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 87; DB 4; Length 641;
Pred. No. 0.0042;
3; Mismatches 6; Indels
US-09-489-019A-8929

US-09-328-32S-6017

US-09-489-019A-8301

US-08-343-443B-2

US-08-343-443B-2

US-09-214-554A-4

US-09-634-238-414

US-09-634-238-414

US-09-543-681A-8310

US-08-861-549-1

US-08-861-549-1

US-08-861-549-1

US-08-861-549-1

US-08-861-549-1

US-08-152-488-1

US-08-152-488-1

US-08-492-077A-8

US-08-492-077A-8
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Best Local Similarity 62.5%;
Matches 15; Conservative
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Query Match 60.6%; Score 80; DB 1; Length 29; Best Local Similarity 65.2%; Pred. No. 0.0017; Matches 15; Conservative 3; Mismatches 5; Indels
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Wakefield, Thomas W.
APPLICANT: Bandews, Philip C.
APPLICANT: Stanley, James C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS: 16
CORRESPONDENCE ADDRESS: ADDRESSE: Benita J. Rohm, Esq.
STREET: Benita J. Rohm, Esq.
STREET: Michigan States of America
ZIP: Morderfect of L; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
TELEBERAX: STATES 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
TELEBERAX: 313-496-7622
TELEBERAX: 313-496-7622
TELEBERAX: STATES INCOME NUMBER: US 08
ZEDERENCE CHARACTERISTICS:
LEMETH. CHARLES INCOME NUMBER: US 08
ZEDERENCE CHARACTERISTICS:
LEMETH OF SEQ 1D NO: 1503
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FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: peptide ORIGINAL SOURCE: ORGANISM: N/A PUBLICATION INFORMATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   : 29 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-303-025-4
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                                                                                                                                                                                                                Sequence 4, Application US/08152488

Patent No. 5534619
GENERAL INFORMATION:
APPLICANT: Makefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVEXTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVEXTION: LOW MOLECULAR WEIGHT HEPARIN;
TITLE DE INVEXTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CCMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Elen PC compatible
OPERATING SYSTEM: MS-DGS
SOFTWARE: Wordberfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV 1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08669
FILING DATE: 14-AUG-1993
ATTORNEY AGENT INFORMATION:
NAME: ROAM, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-5343
                                                   328 GRGRGGSGGRGRGGSG 351
                1 GRKKGGKGGRKKGGKGGR
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COUNTRY: United States of America
ZIP: 07016-1811
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; FILING DATE: 14-AUG-1993
US-08-152-488-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE: N/A PUBLICATION :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: N/A MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: N/A
                                                                                                                                                             RESULT 3
US-08-152-488-4
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US-08-303-025-4
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ô ., Length 29; Sequence 4, Application US/08677304

Patent No. 5721212

GENERAL INFORMATION:
APPLICANT: Addrews, Philip C.
APPLICANT: Addrews, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13

; Sequence 4, Application US/08303025

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COUNTRY: United States of America
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US-08-152-488-5
; Sequence 5, Application US/08152488
; Patent No. 5534619
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Best Local Similarity 65.29
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) ORGANISM: N/A
) PUBLICATION INFORMATION:
AUTHORS: N/A
ITILE: N/A
US-08-436-703B-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: N/A MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 60.6%; Score 80; DB 1; Length 29; Best Local Similarity 65.2%; Pred. No. 0.0017; Matches 15; Conservative 3; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: HEPARIN MOU LOW MOLECULAR
TITLE OF INVENTION: HEPARIN MOU LOW MOLECULAR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
CORRESPENDENCES: BENIESS:
ADDRESSEE: Benita J, Rohm, Esq.
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranicod
STATE: New Jersey
COUNTRY: United States of America
21P: 0716-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
COMPUTER: HOW COMPATIBLE TOWN
SOFTMARE: WONTDERFIECT 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
                                                                                                                                                                                                                                                                                                                                        PILING DATE:

CLASSIPICATION: 530

PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: US/08/152,488

FILING DATE: 12-NOV-1993

APPLICATION NUMBER: PCT/US92/08069

FILING DATE: 14-ANG-1993

ATTORNEY AGENT INFORMATION:

NAME: ROHENT INFORMATION:

REGISTRATION NUMBER: 28,664

REFERENCE/DOCKET NUMBER: RM-7WG

TELEPHONE: 908-276-5344

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 29 amino acids

TYPE: amino acids

TYPE: amino acid

STRANDEDNESS: NO: 5721212 Relevant

MOLECULE TYPE: peptide

ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 RKKGGKGGRKKGGKGGKG 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE: N/A;
PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069;
FILLING DATE: 14-AUG-1993
US-08-677-304-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Benita J, Rohm, Esq. STREET: 6601 Woodward Avenue STREET: Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 9, Application US/08436703B
Patent No. 5919761
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Michigan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Detroit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 6
US-08-436-703B-9
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60.6%; Score 80; DB 2; Length 29; 65.2%; Pred. No. 0.0017; tive 3; Mismatches 5; Indels
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APPLICANT: Wakefield, Thomas W.
APPLICANT: Makefield, Thomas W.
APPLICANT: Addrews, Philip C.
APPLICANT: ATAINEY
ITILE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITILE OF INVENTION: ANTICOAGULATION REVERSAL
OORRESPONDENCE ADDRESS: 13
CORRESPONDENCE ADDRESS: Bedita J, Rohm, Esq.
STREET: S12 Springfield Avenue
CITY: Cranicord
STATE: New Jersel
CITY: Cranicord
STATE: New Jersel
COUNTRY: United States of America
ITILE OF INVENTION AND AND ASSISTANTING SYSTEM: MS-DOS
SOFTWARE: MORPOFFECT 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION: 514
ZUP: 18.20
ZUP: 20
ZUP: 2
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Gaps

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Query Match 57.6%; Score 76; DB 1; Length 29; Best Local Similarity 61.5%; Pred. No. 0.0049; Matches 16; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application US/08677304

Patent No. 5721212

GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
TILE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION:
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: MS-DOS
SUSFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, Benita J.
REGISTATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                з ккисесскийскийскийский 28
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STRANDEDNESS: No. 5721212 Relevant
TOPOLOGY: No. 5721212 Relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: New Jersey
COUNTRY: United States of America
ZIP: 07016-1811
                                                                                                                                                                                                                                                                           ''. TITLE: N/A';

' DOCUMENT NUMBER: PCT/US92/08069

'FILING DATE: 14-AUG-1993

US-08-303-025-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
                                                  INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS: LENGTH: 29 amino acids
          313-496-7622
                                                                                                                                                                    TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 RKKGGKGGRKKGGK
                                                                                                                         TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-677-304-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Destroit
STATE: Michigan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: Michigan
COUNTRY: United States of America
ZIP: 4415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
OPENATING SYSTEM: MS-DOS v.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7WH-060548-00231
               APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTOMNY MANG-1993
ATTOMNY MANG-1993
ATTOMNY MANG-1993
REGISTRATION NUMBER: 28,664
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7MG
TELECOMMUNICATION INFORMATION:
TELEFRAN: 908-276-3344
TELEFRAN: 908-276-5543
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: AMINO ACID
TOPOLOGY: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-A0G-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REFERENCE/DOCKET NUMBER: 7WH-060548-C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 RKKGGKGGRKKGGK----GGRKKGGK 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE: N/A

PUBLICATION: INFORMATION:

DOCUMENT NUMBER: PCT/US92/08069

FILING DATE: 14-AUG-1993
US-08-152-488-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-303-025-5; Sequence 5, Application US/08303025; Patent No. 5614494
                                                                                                                                                                                                                                                                                                                                                                                                            PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
PRIOR APPLICATION DATA:
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Gaps
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                                          Length 29;
                                                                                            3; Indels
                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Stahl, Philip D.
APPLICANT: Stahl, Philip D.
TITLE OF INVENTION: HIGH AFFINITY MANNOSE RECEPTOR TITLE OF INVENTION: LICANDS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Irall & Mancella STREET: 545 Middlefield Road, Suite 200
CTTY: Menlo Park
STATE: California
COUNTRY: USA
ZIF: 94025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READSABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FOR PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NAMBER: US/07/694,983
FILING DATE: 19910503
CLASSIFICATION: 530
                                       Query Match 57.6%; Score 76; DB 2;
Best Local Similarity 61.5%; Pred. No. 0.0049;
Matches 16; Conservative 3; Mismatches 3
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CLASSIFICATION: 530

CLASSIFICATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REGISTRATION NUMBER: 29,959
REPRENENCE JOCKET NUMBER: 9500-0039.00
TELEPAN: 415-327-250
TELEPAN: 415-327-250
TELEPAX: 415-327-255
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
LENGTH: 29 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                            3 KKGGGGKKKKGGKKKKGGK 28
                                                                                                                                              2 RKKGGKGGRKKGGK----GGRKKGGK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4 KGGKGGR-KKGGKGGR-KKGGKG 24
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) OTHER INFORMATION: /label= -NH2
US-07-694-983-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 12
US-07-694-983-13
; Sequence 13, Application US/07694983
                                                                                                                                                                                                                                                                                     US-07-694-983-14; Application US/07694983; Patent No. 5432260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Peptide LOCATION: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: Peptide
US-08-436-703B-10
                                                                                                                                                                                                                                                                      Query Match 57.6%; Score 76; DB 1; Length 29; Best Local Similarity 61.5%; Pred. No. 0.0049; Matches 16; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 10, Application US/08436703B
Patent No. 5919761
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanks C.
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR;
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR;
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR;
TITLE OF INVENTION: MIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER REALBLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASSTED SOS
APPLICATION NUMBER: US/08/436,703B
FILING DATE: N/A
ATTOMACHAND STA:
APPLICATION NUMBER: N/A
ATTOMACHAND SOS
NAME: ROAM, BENITE J.
NAME: ROAM: BENITE J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 7WK-060548-00233
TELECOMMUNICATION INFORMATION:
TELEDOMONICATION INFORMATION:
TELEDOMONICATION INFORMATION:
TELEDOMONICATION INFORMATION:
TELEDOMONICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                             2 RKKGGKGGRKKGGK----GGRKKGGK 23
                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
ZIP: 48226
                                                                                  , TITLE: N/A

; PUBLICATION INFORMATION:

; DOCUMENT NUMBER: PCT/US92/08069

; FILING DATE: 14-AUG-1993

US-08-677-304-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS: LENGTH: 29 amino acids TYPE: amino acid STRANDEDNESS: N/A TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 10
US-08-436-703B-10
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APPLICANT: Goldstein, Gideon
TITLE OF INVENTION: Methods and Compositions for Impairing Multiplication of HIV-1
FILE REFERENCE: GGBUSA
CURRENT APPLICATION NUMBER: US/10/114,176
CURRENT FILING DATE: 2002-04-02
NUMBER OF SEQ ID NOS: 39
SOFFWARE: Patentin version 3.0
SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ä
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                                                                                                                                                                    Indels 10;
                                                                                                                  Score 74; DB 4; Length 260;
Pred. No. 0.06;
0; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 56.1%; Score 74; DB 4; Length 260; Best Local Similarity 52.9%; Pred. No. 0.06; Matches 18; Conservative 0; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SQUENCES: 13
CORRESPONDENCE ANDRESS:
ADDRESSE: Benita J, Rohm, Esq.
STREET: S12 Springfield Avenue
CITY: Cranford
; NAME/KEY: MOD_RES
; LOCATION: (1)...(1)
; OTHER INFORMATION: Glu is attached to DnaK (HSP70)
US-09-561-3668-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  216 GRKSGSKGLGISYGRKSGSKGLGISYGRKSGSKG 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   216 GRKSGSKGLGISYGRKSGSKGLGISYGRKSGSKG 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: United States of America
ZIP: 07016-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OMPUTER: NordPerfect 6, ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION: 514
                                                                                                                                                                                                                 1 GRKKGGKG-----GRKKGGKG-----GRKKGGKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Human immunodeficiency virus type 1
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                                                                                                                                                                                                                                                                                                                             RESULT 14
US-10-114-176-12
US-10-114-176-12
Sequence 12, Application US/10114176
Patent No. 6524582
GENERAL INFORMATION
GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 7, Application US/08152488
Patent No. 5534619
                                                                                                                     Query Match
Best Local Similarity 52.9%;
Matches 18; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-152-488-7
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Patent No. 6399067
GENERAL INFORMATION:
APPLICANT: Goldstein, Gideon
TITLE OF INVENTION: Methods and Compositions for Impairing Multiplication of HIV-1
FILE REFERENCE: GGP3USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2,
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                   GENERAL INFORMATION:
APPLICANT: Stahl, Philip D.
TITLE OF INVENTION: HIGH AFFINITY MANNOSE RECEPTOR TITLE OF FUNDATION: LIGANDS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                     PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TILE KERERNEL: GGESTOR
CURRENT APPLICATION NUMBER: US/09/561,366B
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.0
SEQ ID NO 12
LENGTH: 260
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/07/694,983
FILING DATE: 19910503
CLASSIPICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REGISTRATION NUMBER: 29,959
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-250
TELEFAX: 415-327-2951
                                                                                                                                                          ADDRESSEE: Irell & Manella
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: 20
; OTHER INFORMATION: /label= -NH2
US-07-694-983-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4 KGGKGGRKKGGKGCRC 24
                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: 706141
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                : 20 amino acids
AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 1 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: Peptide
LOCATION: 20
                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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                                                                                                                                                                                                                                                                                  94025
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                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE:
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August 17, 2004, 16:06:45; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
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6: /cgn2 6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
7: /cgn2 6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
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/cgn2 6/prodata/1/pubpaa/US60 NEW PUB.pep:*
/cgn2 6/prodata/1/pubpaa/US60_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1292805 seqs, 313927144 residues
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1 GRKKGGKGGRKKGGKGGRKKKGGKG 24
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                     OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Searched:
                                                                                                                                                                                                                                                         Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Sequence 1482, Ap
Sequence 1190, Ap
Sequence 3038, A
Sequence 12, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 170425,
Sequence 30905, A
                    Sequence 16, Appl
Sequence 22, Appl
Sequence 52, Appl
Sequence 4, Appli
Sequence 11, Appli
Sequence 47799, A
            Description
                   SUMMARIES
                             441126
44126
4412
        Query
Match Length DB
                     286
116833
16833
16833
2663
2663
71683
71683
7169
                     Score
        Result
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equence 244838, equence 47632, equence 47901, quence 45915, A	e 71460 e 14612 e 16048 e 46836	Sequence 11951, Sequence 111951, Sequence 77655, A Sequence 128667, Sequence 160485,	equence 51273 equence 22398 equence 70443 equence 61, A equence 19710 equence 1840, equence 1840,	equence 232677 equence 31657 equence 3165 equence 162500 equence 31052 equence 65929 equence 65929
US-10-424-599- US-10-425-114- US-10-425-114- US-09-864-761-4	US-10-425-114- US-10-437-963- US-10-424-599- US-10-425-114-		0-425-114 0-424-599 0-425-114 0-083-960 0-437-963 0-017-161 0-292-798	
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253 263 328 57	310 307 332	837 171 663 99 317	296 294 521 4414 4415 78	11.000 33223 32243 10.00
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16 17 18			О Ш В В В В В О О Н О В В В В В	) M M M M M M M M M M M M M M M M M M M

# ALIGNMENTS

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SECTION NOTE 120

SECTION NOTE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GRKKGGKGGRKKGGKG 24
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; OTHER INFORMATION: Synthetic peptide
US-10-667-004-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial sequence
                                                      US-10-667-004-16
RESULT 1
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RESULT 2 US-10-225-838B-22 ; Sequence 22, Application US/10225838B

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Query Match
Best Local Similarity
Matches 15; Conserv
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US-10-732-694-11
                                                                                                                                                                                                                                                                                                         641
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          GENERAL INFORMATION:
APPLICANT: NeuronZ Ltd.
APPLICANT: NeuronZ Ltd.
APPLICANT: NeuronZ Biosciences, Inc.
APPLICANT: Sieg, Frank
APPLICANT: Sieg, Frank
TITLE OF INVENTION: Neural Regeneration Peptides and Methods for Their Use In TITLE OF INVENTION: Neural Regeneration Peptides and Methods for Their Use In TITLE OF INVENTION: Neural Regeneration Demage
FILE REFERENCE: NRNZ-1023US1
CURRENT FILING DATE: 2002-08-22
PRIOR APPLICATION NUMBER: 60/314,952
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn version 3.2
LENGTH: 641
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Krohn, Kai
APPLICANT: Krohn, Kai
APPLICANT: Blazevic, Vesna
APPLICANT: Blazevic, Vesna
APPLICANT: Tahtinen, Marja
APPLICANT: Ustav, Mart
APPLICANT: Toots, Urve
APPLICANT: Toots, Urve
APPLICANT: Sikut, Annamari
APPLICANT: Sikut, Rein
APPLICANT: Ustav, Ene
TITLE OF INVENTION: NO. US20030129169Alel expression vectors and uses thereof
FILE REFERENCE: 11041-006-999
CURRENT APPLICATION NUMBER: US,10/138,098
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 52
SOFTWARE: Patentin version 3.1
SSOFTWARE: Patentin version 3.1
SSOFTWARE: Patentin version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 62.5%; Pred. No. (
Matches 15, Conservative 3; Mismatch
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Publication No. US20030211990A1
                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Epstein Barr Virus
US-10-225-838B-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Human herpesvirus US-10-138-098-52
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; Sequence 4, Application US/10294804; Publication No. US20030133948A1; GENERAL INFORMATION:

RESULT 4 US-10-294-804-4

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APPLICANT: Wang Rong-Fu
APPLICANT: Woo, Kuishin
TITLE OF INVENTION: HOO CLASS I-RESTRICTED AND MHC CLASS II-RESTRICTED EBNAI PEPTIDES
TITLE OF INVENTION: MUMBER: US/10/732,694
CURRENT APPLICATION NUMBER: US/10/732,694
CURRENT APPLICATION NUMBER: US/0/432,319
PRIOR FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
SEQ ID NO 11
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APPLICANT: Robertson, Erle S.
APPLICANT: Cotter, Murray A.
TITLE OF INVENTION: Methods to Inhibit or Enhance the Binding of Viral DNA
TITLE OF INVENTION: Methods to Inhibit or Enhance the Binding of Viral DNA
TITLE OF INVENTION: CORONAIC HOST DNA
FILE REFERENCE: UM-03778
CURRENT PELLON NUMBER: US/09/410,399
PRIOR FILING DATE: 1099-10-01
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
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                                                                                                                                                                                                                                                                                                                                                                                             Score 87;
Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  328 GRGRGGSGGRGRGGSG 351
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 62.5%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Epstein-Barr virus
US-10-294-804-4
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Yamamoto, Robert
Forsyth, R.
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LOCATION: (16)..(19)
OTHER INFORMATION: Variable amino acid
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LOCATION: (10\overline{6})...(108)
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NAME/KEY: MOD_RES
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-28
PRIOR FILING DATE: 2000-05-28
PRIOR PILING DATE: 2000-05-28
PRIOR PLILOGATION NUMBER: 60/207,727
PRIOR PLILOGATION NUMBER: 60/207,727
PRIOR PLILOGATION NUMBER: 60/207,347
PRIOR PLILOGATION NUMBER: 60/20,347
PRIOR PLILOGATION NUMBER: 60/22,578
PRIOR PLILOGATION NUMBER: 60/22,578
PRIOR APPLICATION NUMBER: 60/22,625
PRIOR APPLICATION NUMBER: 60/25,636
PRIOR PLILOGATION NUMBER: 60/25,636
PRIOR PLILOGATION NUMBER: 60/25,636
PRIOR PLILOGATE: 2000-11-27
PRIOR PLILOGATE: 2000-12-22
PRIOR PLILOGATE: 2001-02-16
PRIOR PRIOR PLILOGATE: 2001-02-16
PRIOR PLILOGATE: 2001-02-16
PRIOR PLIL
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; Bublication No. US2030143668A1
; Publication No. US2030143668A1
; GENERAL INFORMATION:
APPLICANT: SUMA, MAKIKO
APPLICANT: ASAI, KIYOSHI
; APPLICANT: ASAI, WIYAKA
APPLICANT: ABURATANI, HIROYUKI
; TITLE OF INVENTION: NOVEE G PROPEIN-COUPLED RECEPTORS
; FILE REPERENCE: 084335/0152
; CURRENT APPLICATION NUMBER: US/10/017,161
; CURRENT APPLICATION NUMBER: JP 2001/246789
; PRIOR FILING DATE: 2001-06-18
; NUMBER OF SEQ ID NOS: 2430
; SCO ID NO 1482
; LEMGTH: 1683
; TABOTH APPLICATION OF: 2.1
; SEQ ID NO 1482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ouery Match 60.6%; Score 80; DB 12
Best Local Similarity 60.9%; Pred. No. 0.23;
Matches 14; Conservative 4; Mismatches
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NAME/KEY: MOD_RES
LOCATION: (9)...(12)
OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD_RES
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NAME/KRY: MOD RES
LOCATION: (5)..(7)
OTHER INFORMATION: Variable amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Burkholderia cepacia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-282-122A-47799
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NAME/KEY: MOD_RES
LOCATION: (83)..(84)
OCHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD_RES
LOCATION: (86)..(92)
OCHER INFORMATION: Variable amino acid
FEATURE:
                                                                                                                                                                                                                                                                                                                                                 CCATION: (36)
OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD_RES
LOCATION: (38)...(39)
OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD_RES
LOCATION: (45)
OTHER INFORMATION: Variable amino acid
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NAME/KEY: MOD RES
LOCATION: (47)...(51)
OTHER INFORMATION: Variable amino acid
FEATURE:
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NAME/KEY: MOD RES
LOCATION: (74)..(79)
OTHER INFORMATION: Variable amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: MOD RES
LOCATION: (98)
OTHER INFORMATION: Variable amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: MOD RES
LOCATION: (104)
OTHER INFORMATION: Variable amino acid
LOCATION: (21). (22)
OTHER INFORMATION: Variable amino acid
                                                                NAME/KEY: MOD RES
LOCATION: (24)...(26)
OTHER INFORMATION: Variable amino acid
                                                                                                                                                   NAME/KEY: MOD RES
LOCATION: (28)..(29)
OTHER INFORMATION: Variable amino acid
                                                                                                                                                                                                                       FEATURE:
NAME/KEY: MOD RES
NAME/KEY: MOJ 327...(34)
OTHER INFORMATION: Variable amino acid
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LOCATION: (53)...(68)
OTHER INFORMATION: Variable amino acid
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LOCATION: (94)...(96)
OTHER INFORMATION: Variable amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: MOD RES
LOCATION: (100)...(102)
OTHER INFORMATION: Variable amino acid
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JTHER INFORMATION: Variable amino acid
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us-09-496-391-44.rapb

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VAME/KEY: MOD RES
LOCATION: (110)..(124)
DIHER INFORMATION: Variable amino acid
PATURE:
OTHER INFORMATION: Variable amino acid
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LOCATION: (127)..(142)
OTHER INFORMATION: Variable amino acid
                                                                                                                                                                                                             OCATION: (147)
THER INFORMATION: Variable amino acid
                                                                                                                                                                                                                                                                     NAME/KEY: MOD RES
OCATION: (149)..(150)
THER INFORMATION: Variable amino acid
                                                                                                                                                                                                                                                                                                                                                                     OCATION: (154)...(156)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEATURE:
AMME/KEY: MOD_RES
OTHER_INFORMATION: (201)
OTHER_INFORMATION: Variable amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: MOD RES
OCATION: (166)..(167)
YTHER INFORMATION: Variable amino acid
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OCATION: (17<u>T</u>)
THER INFORMATION: Variable amino acid
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INFORMATION: Variable amino acid
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OCATION: (178)
THER INFORMATION: Variable amino acid
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OCATION: (183)..(189)
THER INFORMATION: Variable amino acid
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THER INFORMATION: Variable amino acid
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OCATION: (203)..(204)
THER INFORMATION: Variable amino acid
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OCCATION: (211)
YHER INFORMATION: Variable amino acid
BRATURE:
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LOCATION: (215)
OTHER INFORMATION: Variable amino acid
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OCATION: (196)
THER INFORMATION: Variable amino acid
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THER INFORMATION: Variable amino acid
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MAME/KEY: MOD_RES
LOCATION: (209)
OTHER INFORMATION: Variable amino
                                                                                                                                                                  FEATURE:
NAME/KEY: MOD RES
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NAME/KEY: MOD_RES
TOTAL (192)
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APPLICANT: SUMA, MAKIKO
APPLICANT: ASAL, KIYOSHI
APPLICANT: ASAL, KIYOSHI
APPLICANT: ASAL, KIYOSHI
APPLICANT: ASURATANI, HIROYUKI
TITE OF INVENTION: GUANOSINE TRIPHOSPHATE-BINDING PROTEIN COUPLED RECEPTORS
FILE REFERENCE: 084325/166
CURRENT FILING DATE: 2002-11-13
PRIOR PRILING DATE: 2001-12-18
PRIOR FILING DATE: 2001-06-18
NUMBER OF SEQ ID NOS: 2070
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1190
LENGTH: 1683
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Best Local Similarity 46.2%; Pred. No. 3;

Matches 18; Conservative 4; Mismatches
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LOCATION: (5)..(5)
LOCATION: (5)..(5)
LOCATION: (5)..(10)
FEATURE:
NAME/KEY: MOD_RES
LOCATION: (9)..(12)
LOCATION: (9)..(12)
FEATURE:
FEATURE:
NAME/KEY: MOD_RES
                                                                                                                                FEATURE:
NAME/KEY: MOD_RES
LOCATION: (235)..(236)
OTHER INFORMATION: Variable amino acid
                                                                                                                                                                                                                                                                                                                                                          FEATURE:
NAME/KEY: MOD RES
LOCATION: (255)
PEATURE INFORMATION: Variable amino acid
PEATURE:
                  LOCATION: (220)..(222)
OTHER INFORMATION: Variable amino acid
                                                     FEATURE:
NAME/KEY: MOD_RES
LOCATION: (226)..(228)
OTHER INFORMATION: Variable amino acid
                                                                                                                                                                                                                                                                                           FEATURE:
NAME/KRY: MOD RES
NOCATION: (248)..(249)
OTHER INFORMATION: Variable amino acid
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NAME/KEY: MOD RES
OCCATION: (239)
OTHER INFORMATION: Variable amino acid
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OTHER INFORMATION: Variable amino acid
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Publication No. US20030235833A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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NAME/KEY: MOD RES
LOCATION: (21)..(22)
MOD RES
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US-10-292-798-1190
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us-09-496-391-44.rapb

NAME/KEY: MOD RES LOCATION: (106)...(106) OTHER INFORMATION: Variable amino acid

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FEATURE:
NAME/KEY: MOD RES
LOCATION: (147).
OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD_RES
LOCATION: (149). (150)
OTHER INFORMATION: Variable amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
NAME/KEY: MOD RES
LOCATION: (192).
OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES
LOCATION: (196)..(196)
OTHER INFORMATION: Variable amino acid
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NAME/KEY: MOD_RES
LOCATION: (171)...(171)
FEATURE:
FEATURE:
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NAME/KRE: NOD RES
LOCATION: (178)...(178)
OTHER INFORMATION: Variable amino acid
PEATURE:
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NAME/KEY: MOD RES
LOCATION: (198)...(201)
OTHER INFORMATION: Variable amino acid
FEATURE:
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LOCATION: (203)..(204)
OTHER INFORMATION: Variable amino acid
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NAME/KEY: MOD_RES
NOCATION: (154)..(156)
OTHER INFORMATION: Variable amino acid
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NAME/KEY: MOD_RES
LOCATION: (166)..(167)
OTHER INFORMATION: Variable amino acid
NAME/KEY: MOD RES
LOCATION: (108)..(108)
OTHER INFORMATION: Variable amino acid
                                                            FEATURE:
NAME/KEY: MOD RES
LOCATION: (110)..(113)
OTHER INFORMATION: Variable amino acid
FEATURE:
                                                                                                                                                          NAME/KEY: MOD_RES
LOCATION: (115)..(124)
CTHER INFORMATION: Variable amino acid
FRATURE:
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LOCATION: (127)...(127)
OTHER INFORMATION: Variable amino acid
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NAME/KEY: MOD RES
LOCATION: (129) .. (142)
OTHER INFORMATION: Variable amino acid
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LOCATION: (173)..(174)
OTHER INFORMATION: Variable amino acid
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LOCATION: (184)..(184)
THER INFORMATION: Variable amino acid
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NAME/KEY: MOD RES
LOCATION: (186)..(189)
DTHER INFORMATION: Variable amino acid
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Sequence 56545, Application US/10425114

Publication No. US20040034888A1

GENERAL INFORMATION:

APPLICANT: Liu, Jingdong

APPLICANT: Liu, Jingdong

APPLICANT: Liu, Jingdong

APPLICANT: About Yihua

APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: Papaska, Jack E

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                                                                                                                                                                                                                                                                                                                                                                                                                           CTHER INFORMATION: EXPRESSED IN BR474, SIGNAL = 7.3

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 7.2

OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 7.8

OTHER INFORMATION: EXPRESSED IN HBLRT, SIGNAL = 7.1

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 9.4

OTHER INFORMATION: EXPRESSED IN PETAL LIVER, SIGNAL = 9.6

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 9.6

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 8.4

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 8.4

US-09-864-761-38038
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US-10-425-114-56545
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR PLING DATE: 2000-06-30
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers: 1.1
SEQ ID NO 38038
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GRKKGGKGGRKKGGK--GGRKKGG 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               29 GRGRRGKGGEKTGGREEGGREKGG 52
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Publication No. US20020192232A1
GENERAL INFORMATION:
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Best Local Similarity 47.8
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
OTHER INFORMATION: MOOTHER INFORMATION: EDUTHER INFORMATION: ED
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Best Local Similarity
Matches 15; Conserv
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ORGANISM: Zea mays
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APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wansheng
TITLE OF INVENTION: HUMAN GENOWE-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REPERBANCE: Acomica-X-1
CURRENT APPLICATION NUMBER: 105/09/864,761
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د :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 1683;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -GKGGRKKGGKGG--RKKGGKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 76.5; DE
Pred. No. 3;
4; Mismatches
                                                                                                                                                                                                                                         FEATURE:
NAME/KEY: MOD RES
LOCATION: (211).
OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES
LOCATION: (216).
OTHER INFORMATION: Variable amino acid
OTHER INFORMATION: Variable amino acid
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IOR APPLICATION NUMBER: GB 24263.6
IOR FILING DATE: 2000-10-04
IOR APPLICATION NUMBER: US 60/236,359
IOR FILING DATE: 2000-09-27
IOR APPLICATION NUMBER: PCT/US01/00666
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ALOR FILING DATE: 2001-01-30
RICR APPLICATION NUMBER: PCT/US01/00665
RICR FILING DATE: 2001-01-30
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RIOR APPLICATION NUMBER: PCT/US01/00663
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FILING DATE: 2001-01-30
NAME/KEY: MOD RES
LOCATION: (206)..(206)
OTHER INFORMATION: Variable amino acid
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RRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: US 09/632,366
                                                                                                                                         NAME/KEY: MOD RES
LOCATION: (209)...(209)
OTHER INFORMATION: Variable amino acid
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APPLICANT: Penn, Sharron G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 46.2%;
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
NAME/KEY: MOD RES
LOCATION: (220)...(222)
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Sequence 30905, Application US/10029386
Fublication No. US20030194704A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Panck, David R.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GITTLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GITTLE OF INVENTION: WHORER: US/10/029,386
CURRENT FILING DAME: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 30905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 15
US-09-864-761-36181
US-09-864-761-36181
Sequence 36181, Application US/09864761
Sequence 36181, Application US/09864761
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Hanzel, David K.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENE EXPRESSION ANALYSIS BY MICROARRAY
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
TITLE OF EXPRESSION ANALYSIS BY MICROARRAY
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT PAPLICATION NUMBER: US 60/180,312
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILE BOTO BATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 170425
LENGTH: 713
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54.9%; Score 72.5; DB 14; Length 49;

Best Local Similarity 60.9%; Pred. No. 0.39;

Matches 14; Conservative 5; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                            Score 74; DB 16; Length 713;
Pred. No. 2.6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
FRATURE:
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.9
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 7.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 7.7
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 8.4
US-10-029-386-30905
                                                                                                                                                                                                                                                                                                                                                                                                                                                      7; Indels
                                                                                                                                                                                                                                                                                                                    ) OTHER INFORMATION: Clone ID: PAT_MRT4530_68753C.1.pep
US-10-437-963-170425
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                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 56.1%;
Best Local Similarity 58.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-029-386-30905
                                                                                                                                                                                                                                                                                                   FEATURE:
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US=10-477-963-170425
Sequence 170425. Application US/10437963
Sequence 170425. Application No. US20040123343A1
GENERAL INPORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wei
APPLICANT: Wei
APPLICANT: Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: GOLGACHAIN, Gideon
TITLE OF INVENTION: Methods and Compositions for Impairing Multiplication of HIV-1
TITLE OF INVENTION: Methods and Compositions for Impairing Multiplication of HIV-1
FILE REFERENCE: GGPAUSA
CURRENT APPLICATION NUMBER: US/10/323,013
CURRENT PILING DATE: 2002-12-18
PRIOR PILING DATE: 2002-04-02
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin version 3.0
SOFTWARE: Patentin version 3.0
                                                             APPLICANT: Goldstein, Gideon
TITLE OF INVENTION: Methods and Compositions for Impairing Multiplication of HIV-1
FILE REPERENCE: GGP3USA
CURRENT APPLICATION NUMBER: US/10/114,176
CURRENT FILING DATE: 2002-04-02
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.0
ESQ ID NO 12
LENGTH: 260
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Match 56.1%; Score 74; DB 13; Length 260; Local Similarity 52.9%; Pred. No. 1.1; es 18; Conservative 0; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (1) ... (1)
OTHER INFORMATION: Glu is attached to DnaK (HSP70)
                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (1) ... (1)
OTHER INFORMATION: Glu is attached to DnaK (HSP70)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               216 GRKSGSKGLGISYGRKSGSKGLGISYGRKSGSKG 249
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                                                                                                                                                                                                                                                                                                                               ORGANISM: Human immunodeficiency virus type 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Human immunodeficiency virus type
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 12
US-10-323-013-12
Sequence 12, Application US/10323013
Forgunation No. US20030180326A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
nes 18; Conserv
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NAME/KEY: MOD RES
                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: MOD RES
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Matches
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PRIOR PLING DATE: 2000-02-04
PRIOR PLING DATE: 2000-02-04
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-06-26
PRIOR PLING DATE: 2000-06-27
PRIOR PLING DATE: 2000-08-03
PRIOR PLING DATE: 2000-08-03
PRIOR PLING DATE: 2000-08-03
PRIOR PLING DATE: 2000-10-04
PRIOR PLING DATE: 2000-09-27
PRIOR PLING DATE: 2000-09-27
PRIOR PLING DATE: 2000-09-27
PRIOR PLING DATE: 2000-09-27
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE
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Query Match 54.9%; Score 72.5; DB 9; Length 141; Best Local Similarity 58.3%; Pred. No. 0.96; Matches 14; Conservative 5; Mismatches 4; Indels 1; Gaps

1;

2 RKKGGKGGRKKG-GKGGRKKCGKG 24 | :|||||| :| | | || :||:| 10 RSKGGKGGRGKGGRGGRKG 33 Search completed: August 17, 2004, 17:19:22 Job time : 38.8416 secs

GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

August 17, 2004, 15:50:03 ; Search time 11.9406 Seconds (without alignments) 103.766 Million cell updates/sec Run on:

US-09-496-391-49 117 1 ARKKPAKRAARKKPAKA 24 Title: Perfect score: Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

389414 seqs, 51625971 residues Searched: 389414 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Issued\_Patents\_AA:\*
1: /cgn2\_6/ptodata/2/iaa/5A\_COMB.pep:\*
2: /cgn2\_6/ptodata/2/iaa/5B\_COMB.pep:\*
3: /cgn2\_6/ptodata/2/iaa/6A\_COMB.pep:\*
4: /cgn2\_6/ptodata/2/iaa/6B\_COMB.pep:\*
5: /cgn2\_6/ptodata/2/iaa/PCTUS\_COMB.pep:\*
6: /cgn2\_6/ptodata/2/iaa/PCTUS\_COMB.pep:\* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 5, Appli	equence 7,	equence 17,	equence 17,	equence 17,		equence 16,	eguence 16,	equence 16	equence 31		equence 27	8	$\circ$	ω Z	H	ý	4	4,	4,	equence 25	Sequence 2, Appli	equence 1,	equence 1,	Sequence 1, Appli	equence 14	Sequence 26, Appl
ΩI	-668-25	68-255-	-08-346-84	-08-293-284A-	8-30	8-255-	6-849	-293-2	-08-838-3	-09-252-991A-	09-041-889-2	17-264-	19-095-855-	US-09-205-426-201	19-25	US-09-252-991A-17011	-408-020	1-88	0	17-264	-252-9	US-08-769-211-2	-041-889-	-05	-417-264-	US-08-995-172-14	US-08-839-624-26
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Result No.		7	m	4	Ŋ	9	7	ω	σ	10	11	12	13	14	12	16		18	19	20	21	22	23	24	25	26	27

Sequence 26, Appl Sequence 769, App		Sequence 74, Appl Sequence 58, Appl	4, 7	Sequence 30, Appi Sequence 8, Appli	104,	Seguence 44, Appl Seguence 42, Appl	142,	Ĺ	Sequence 46, Appl	equence 60,	Sequence 48, Appl
US-09-150-812-26 US-09-732-210-769	110	07-757-022B-7-	O (	US-09-641-741-30 US-09-060-482-8	US-07-757-022B-104	US-07-757-022B-44 IIS-07-757-022B-42	US-07-757-022B-142	US-07-757-022B-50	US-07-757-022B-46	US-07-757-022B-60	US-07-757-022B-48
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## ALIGNMENTS

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	Gaps	
	0;	
DS SPECIES	Length 105; 6; Indels	
RYPANOSOM Sutro .W. 720 Kb 720 Kb	Score 70; DB 2; Pred. No. 0.011; ; Mismatches	23 70
on us/ose6  Nicolas J Theresa Se 9 RESS: Spury Madia Nork Ave C compatiti FORM: Skette, 3. C compatiti N DATA: N DATA: RES 0. A35 BR: EP 96 A36 A35 CORMATION: CORMATION: CORMATION: CORMATION: CORMATION: A36 A36 A37	59.8%; 71.4%; vative 0	KKPAKAARKKPAKAARKKPAK        KKPAKKVVKKPAKKVVKKPAK
SULT.  SULT.  SULT.  Sequence 5, Application US/086, Betener No. 5965143  APPLICANT: FASEL, Nicolas.  APPLICANT: GLASER, Theresa TILLE OF INVENTION: IMMUNI NUMBER OF SEQUENCES: 9  CORRESPONDENCE ADDRESS:  ADDRESSEE: Pillsbury Mad STREET: 1100 New York AV CITY: Washington STREET: 100 New York AV CITY: Washington STREE: DC COUNTRY: USA COMPUTER: EADABLE FORM: MEDIUM TYPE: Diskette, 3 COMPUTER: EADABLE FORM: MEDIUM TYPE: Diskette, 3 COMPUTER: EADABLE FORM: MEDIUM TYPE: Diskette, 3 COMPUTER: IBM PC COMPATION DATA: APPLICATION NUMBER: US/0 FILING DATE: March 12, 1 ATTORNEY, AGENT INFORMATION: NUMBER: 16, REFREEDOM	Simi 5;	3 KKPAKAARI        50 KKPAKKVVI
US-08-66-25-5   Sequence 5, App   Patent No. 596   GENERAL INFORA   APPLICANT:   TITLE OF INN   NUMBER OF INN   CORPUTER:   CONDUTER:   CO	Query Match Best Local Matches 1	do do
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; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-346-849-17
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Matches 17; Conserv
02173-4799
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                                                                                      Sequence 7, Application US/08668255
Patent No. 2965143
GENERAL INFORMATION:
APPLICANT: PASEL, Nicolas Joseph
APPLICANT: GLASER, Theresa Ann
TILLE OF INVENTION: IMMUNITY TO TRYPANOSOMATIDS SPECIES
NUMBER FO SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSE: Pillsbury Madison & Sutro
STREET: 1100 New York Avenue, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 58.1%; Score 68; DB 2; Length 96; Best Local Similarity 66.7%; Pred. No. 0.018; Matches 14; Conservative 1; Mismatches 6; Indels
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| Patent No. 5670483
| GENERAL No. 15670483
| APPLICANT: Shang, Shuguang
| APPLICANT: Lockshin, Curtis
| APPLICANT: Holmes, Todd
| TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED
| TITLE OF INVENTION: THEREFOR
| TITLE OF INVENTION: THEREFOR
| TITLE OF SEQUENCES: 64
| CORRESPONDENCES: 64
| CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                    COUNTY: USA

ZIF: 20005-3918

ZIF: 20005-3918

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in, 720 Kb
COMPUTER: IRW PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/668,255
FILING DATE: June 20, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96200665.6
FILING DATE: March 12, 1996
ATTORNEY/ABONT INFORMATION:
REFERENCE/DOCKET NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 11422/224090
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECHANGE: 202-861-3000
TELEFRAX: 202-822-0944
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 6714627
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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STATE: Massachusetts
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-346-849-17
                                                                     JS-08-668-255-7
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Gaps

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Indels

9

1; Mismatches

17; Conservative

Matches

8

us-09-496-391-49.rai

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| Sequence 17. Application US/08998300 | Sequence 17. Application US/08998300 | Sequence 17. Application US/08998300 | Patent No. 6546630 |
| Patent No. 6546630 | Patent No. 6546630 |
| Patent Incorporate Incor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 53.1%; Pred. No. 0.053;
Matches 17; Conservative 1; Mismatches 6; Indels
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CITY: Massachusetts

COMPUTER: Massachusetts

COMPUTER: Dis.A.

ZIP: OLI73-4799

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PAPLICATION DATA:

APPLICATION NUMBER: US/08/998,300

FILING DATE: 22 JULY 1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/346,849

FILING DATE: 30 NOVENBER 1994

PRIOR APPLICATION NUMBER: 22,532

ATCNEY AGENT INFORMATION:

NAME: Brook, David E:

REGISTRATION NUMBER: 22,592

REFERENCE/DOCKET NUMBER: MIT-6008FB

TELLECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 ARKKPAKAA-----RKKPAKAARKKPAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              25 AAKKPKKAAAVKKSPKKAKKPAAATKKAAKS 56
REFERENCE/DOCKET NUMBER: MIT-6008A TELECOMMUNICATION INPORMATION:
TELEPHONE: (617) 861-6240
TELEPHONE: (617) 861-9540
INPORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 61 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein US-08-898-300-17
                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-293-284A-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 5
US-08-898-300-17
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Length 61;

Score 63; DB 4; Pred. No. 0.053;

53.8%;

Query Match Best Local Similarity

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- Sequence 16, Application US/08346849

- Patent No. 5670483

- GENERAL INFORMATION:

- APPLICANT: Zhang, Shuguang

- APPLICANT: Rich, Alexander

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US-08-688-255-3
US-08-688-255-3
US-08-688-255-3
Patent No. 5965143
GENERAL INNEWARION:
PAPLICANT: GLASER, Theresa Ann
TITLE OF INVENTION: IMMUNITY TO TRYPANOSOMATIDS SPECIES
NUMBER OF SEQUENCES:
ADDRESSES: Pillabury Madison & Sutro
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STREET: 100 New York Avenue, N.W.
CITY: Washington
STREET: 100 New York Avenue, N.W.
CONTRY: USA
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in, 720 Kb
COMPUTER: IBM PC compatible
COMPUTER: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/665.6
FILING DATE: UNGRAFION:
NUMBER: BULL NUMBER: 10,773
REFERENCE/DOCKET NUMBER: 11,773
REFERENCE/DOCKET NUMBER: 11,773
REFERENCE/DOCKET NUMBER: 11,773
TELECOMMUNICATION NUMBER: 11,773
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 53.0%; Score 62; DB 2; Length 96; Best Local Similarity 61.9%; Pred. No. 0.11; Matches 13; Conservative 1; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 KKPAKAARKKPAKAARKKPAK 23
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INPORMATION POR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 96 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 96 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-346-849-16
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Gaps

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STABLE MACROSCOPIC MEMBRANES FORMED BY SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 60;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lockshin, Curtis
APPLICANT: Rich, Alexander
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED
TITLE OF INVENTION: THEREPOR
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 0213-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DCS/MS-DCS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/998,300
FILING DATE: 22 JULY 1997
CLASSIFICATION DATA: 4997
PRIOR APPLICATION DATA: 997
PRIOR APPLICATION DATA: 997
PRIOR APPLICATION DATA: 997
PRIOR APPLICATION NUMBER: 06/973,326
FILING DATE: 28 DECEMBER 1994
PRIOR APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INPOWATION:
NAME: BLOOK, DAVIG E.
REGISTRATION NUMBER: 22,592
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 61; DB 2;
Pred. No. 0.095;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: MIT-6008FB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-5240
TELEFEX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 ККРАКААККРАКААККРАКА 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 16, Application US/08898300 Patent No. 6548630 GENERAL INFORMATION:
                      FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: BROOK, DAVID E.
REGISTRATION NUMBER: 2.592
REFERENCE/DOCKET NUMBER: MITTELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 59.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13; Conservative
                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-293-284A-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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| Sequence 16. Application US/08293284A
| Patent No. 595543
| Patent No. 5955434
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52.1%; Score 61; DB 1; Length 60;
Best Local Similarity 59.1%; Pred. No. 0.095;
Matches 13; Conservative 1; Mismatches 8; Indels
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. STREET: Two Militia Drive
STREET: Lexington
CITY: Lexington
STATE: Massachusetts
                                                                        STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,849
                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 435
FILOR APPLICATION BATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INCRMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008
TELECOMMUNICATION INFORMATION:
TELEFENCE (617) 861-6240
INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3 KKPAKAARKKPAKAARKKPAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           30 KKPKKKAAKKAKKPAKKSPKKA 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein US-08-346-849-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IXPE: amino acid
TOPOLOGY: line
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GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Braun, Jonathan
APPLICANT: Charvy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
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                                                                                                                                                                                                                                                                                                                                                                                                            Length 214;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
                                                                                                                                                                                                                                                                                                                                                                                                                 DB 3;
                                                                                                                                                                                                                                                                                                                                                                                                            50.4%; Score 59; DB 56.5%; Pred. No. 0.6; tive 2; Mismatches
ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: B-PM 3006

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-9001

TELEPHONE: (619) 535-9001

TELEPHONE: (619) 535-9001

TELEPHONE: (619) 535-9001

TELEPHONE: CHARACTERISTICS:

LENGTH: 214 amino acids

TYPE: amino acid

TYPE: amino acid

TYPE: amino acid

TYPE: amino acids

MLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMINICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIPICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                115 AKKAPAKKATKAAKKAATKAPAR 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 ARKKPAKAARKKPAKAARKKPAK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-417-264-27
; Sequence 27, Application US/09417264
; Patent No. 6537768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (619) 535-8041
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 214 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            : 214 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 56.5
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-417-264-27
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US-09-25-91A-31172

| Sequence 31172, Application US/09252991A
| Patent No. 6551795
| GENERAL INFORMATION:
| APPLICATION NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
| TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
| TITLE OF INVENTION: NUMBER: US/09/252, 991A
| CURRENT APPLICATION NUMBER: US 60/074,788
| PRIOR FILING DATE: 1999-02-18
| PRIOR PLICATION NUMBER: US 60/074,788
| PRIOR FILING DATE: 1998-02-18
| PRIOR FILING DATE: 1998-02-18
| PRIOR FILING DATE: 1998-02-18
| PRIOR APPLICATION NUMBER: US 60/094,190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 27.4,
Sequence 27.6 Application US/09041889
Sequence 27.6 Application US/09041889
Patent No. 6033864
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Disagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: MICROBIAL UC PANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                ö
                                                                                                                                                Gaps
                                                                                                                                                ;
0
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                                                                                      Query Match 52.1%; Score 61; DB 4; Length 60; Best Local Similarity 59.1%; Pred. No. 0.095; Matches 13; Conservative 1; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/041,889 FILING DATE: CLASSIFICATION: PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/837,058 FILING DATE: 11-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 ARKKPAKAARKKPAKA 24
                                                                                                                                                                                                                                    30 KKPKKKAAKKAKKPAKKSPKKA 51
                                                                                                                                                                                                       3 KKPAKAARKKPAKAARKKPAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT / ORGANISM: Pseudomonas aeruginosa US-09-252-991A-31172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 58.3
Matches 14, Conservative
              , MOLECULE TYPE: protein US-08-898-300-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-041-889-27
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115 AKKAPAKKATKAAKKAATKAPAR 137

1 ARKKPAKAARKKPAKAARKKPAK 23

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ö 50.4%; Score 59; DB 3; Length 223; ilarity 56.5%; Pred. No. 0.63; Conservative 2; Mismatches 8; Indels

. 0 TITLE OF INVENTION: Compounds and Methods for Treatment and TITLE OF INVENTION: Diagnosis of Mycobacterial Infections FILE REPERENCE: 11000.10024
CURRENT PLOOCAG
CURRENT FLING DATE: 1998-12-04
EARLIER APPLICATION NUMBER: 09/095,855
EARLIER FILING DATE: 1998-06-11
EARLIER APPLICATION NUMBER: 08/997,362
EARLIER APPLICATION NUMBER: 08/997,362
EARLIER FILING DATE: 1997-12-23
EARLIER FILING DATE: 1997-06-12
EARLIER FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 208
SOFFWARE: FastSEQ for Windows Version 3.0 Length 223; Indels Query Match 50.4%; Score 59; DB 4; Best Local Similarity 56.5%; Pred. No. 0.63; Matches 13; Conservative 2; Mismatches 8 116 АККАРАККАААККААРАККАРАК 138 1 ARKKPAKAARKKPAK 23 TYPE: PRT ORGANISM: Mycobacterium vaccae US-09-205-426-201 SEQ ID NO 201 LENGIH: ò g

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Sequence 32957, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: AERGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.1136
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 32357
LENGTH: 216 US-09-252-991A-32957

Query Match 48.7%; Score 57; DB 4; Length 316; Best Local Similarity 63.6%; Pred. No. 1.6; Matches 14; Conservative 0; Mismatches 8; Indels

Pseudomonas aeruginosa

US-09-252-991A-32957

ORGANISM:

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Gaps

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181 AAKPAAKAAAKPAAKPAAKKPA 202 1 ARKKPAKAARKKPAKAARKKPA 22 g

Search completed: August 17, 2004, 16:14:40 Job time : 11.9406 secs

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US-10-093-892-5
                                                                                                                                                                                                   August 17, 2004, 16:06:45; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1292805 seqs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                                             1 ARKKPAKAARKKPAKAARKKPAKA 24
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                                                                                                                                           OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                   US-09-496-391-49
                                                                                                                                                                                                                                                                                                                                                  Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Searched:
                                                                                                                                                                                                              Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

No. Score Match DB ID

No. Score Match Length DB ID

Score Match DB ID

Score Match Length DB ID

Score Match DB ID

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Score Match DB ID

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-10-282-122A- -10-262-209-2 -10-240-430-5 -10-282-122A-	10-282-1224-6481-10-229-567-27-21-643-201-10-205-979-52-1-10-128-714-8221	-09-820-843A-95 -10-282-122A-76 -10-282-122A-49 -10-156-761-100	0-029-1424-0910 0-024-623-6 0-027-801-6 0-029-120-6 0-240-430-6	-10-222-209-1 -10-242-209-1 -10-282-122A-6623 -10-127-032-120	-10-424-59 -10-282-12 -10-425-11 -10-425-11
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GENERAL INFORMATION:
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LENGTH: 212
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Publication No. US20020177697A1
GENERAL INFORMATION:
APPLICANT: FASEL, Nicolas Joseph
GLASER, Theresa Ann
TITLE OF INVENTION: IMMUNITY TO TRYPANOSOMATIDS SPECIES
NUMBER OF SEQUENCES: 9
                                                                                                                                                               59.8%; Score 70; DB 13; Length 105; 71.4%; Pred. No. 0.091;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 13; Length 96;
                                                                                                                                                                                                            Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 2005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in, 720 Kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Paul N. Kokulis
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 11422/224090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS: .
ADDRESSEE: Pillsbury Madison & Sutro
STREET: 1100 New York Avenue, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 58.1%; Score 68; DB 13
Best Local Similarity 66.7%; Pred. No. 0.15;
Matches 14; Conservative 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/093,892
FILING DATE: 11-Mar-2002
CLASSIFICATION: AUNKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/668,255 FILING DATE: June 20, 1996
APPLICATION NUMBER: EP 96200665.6 FILING DATE: March 12, 1996
ATTORNEY/AGENT INFORMATION:
                                                                  ;
TOPOLGGY: linear
;
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-093-892-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 7: US-10-093-892-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
                                                                                                                                                                                                                                                   3 KKPAKAARKKPAKAARKKPAK 23
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHRAACTERISTICS:
LENGTH: 105 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 6114627
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 96 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 202-822-0944
                                                                                                                                                                                                            Conservative
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                                                                                                                                              Query Match
Best Local Similarity
Thes 15; Conserva
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RESULT 3

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Rich, Alexander
DiPersio, C. Michael
Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                 TION: Identification of Essential Genes in Microorganisms
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
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                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: AN, H.

APPLICANT: AN, H.

FILE REFERENCE: ELITRA.034A

CURRENT APPLICATION NUMBER: U$/10/282,122A

CURRENT APPLICATION NUMBER: U$/10/282,122A

CURRENT FILING DATE: 2000-03-01

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR APPLICATION NUMBER: 60/230,335

PRIOR PLING DATE: 2000-09-09

PRIOR PLING DATE: 2000-09-09

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-10-23

PRIOR APPLICATION NUMBER: 60/25,678

PRIOR APPLICATION NUMBER: 60/25,636

PRIOR PLING DATE: 2000-11-27

PRIOR PRIING DATE: 2000-12-22

PRIOR PRIING DATE: 2000-12-22

PRIOR PRIING DATE: 2000-12-22

PRIOR PLING DATE: 2000-12-22

PRIOR PRIING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09
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3; Mismatches
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Sequence 61735, Application US/10282122A
Publication No. US20040029129A1
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Publication No: US200400087013A1
GENERAL INFORMATION:
APPLICANT: Holmes, Todd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             54.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Mycobacterium avium US-10-282-122A-61735
                                                                                       APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                             Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                      Zyskind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 63.0°
Matches 17; Conservative
                                                                                                                                                                                                                                                                     Wall, Daniel
Trawick, John
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Sequence 186200, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Stou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Brabazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
                                                                                                                                                                                                                                APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: Es Rosa Thomas J
APPLICANT: About X
APPLICANT: About Yihua
APPLICANT: About Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT PILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 288684
ENG ID NO 270857
LENGTH: 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 53.4%; Score 62.5; DB 12; Length 101; Best Local Similarity 69.6%; Pred. No. 0.78; Matches 16; Conservative 0; Mismatches 6; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; FEATURE;
; OTHER INFORMATION: Clone ID: PAT_MRT3847_86602C.1.pep
US-10-424-599-270857
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ) OTHER INFORMATION: Clone ID: PAT_MRT4530_83103C.1.pep
US-10-437-963-186290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   :|||| | :|||| | 37 EKPARPAREAPAKEAPAKA 72
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CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ON 186290
LENGTH: 293
                                                                                                                                                          Sequence 270857, Application US/10424599 Publication No. US20040031072A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 7.
US-10-437-963-186290
                                                                                                          RESULT 6
US-10-424-599-270857
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ò
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WS-10-1424-599-240100

Sequence 240100, Application US/10424599

Publication No. US20040031072A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Eas Thomas J

APPLICANT: Cao Yongwei

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: 18-21 (53223)

CURRENT APPLICATION NUMBER: US/10/424,599

CURRENT FILING DATE: 2003-04-28

SEQ ID NO 240100

LENGTH: 81
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                                                                                                                                                  COMPUTER READABLE 4/99

COMPUTER READABLE Floppy disk
COMPUTER: Floppy disk
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/390,472
FILING DATE: 17-Mar-2003
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: 07/973,326
APPLICATION NUMBER: 07/973,326
APPLICATION NUMBER: 07/973,326
ATTORNEY/AGENT INFORMATION:
NAME: BEFORMATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008A
TELECOMMUNICATION 170 861-6240
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           53.8%; Score 63; DB 12; Length 81; ilarity 44.4%; Pred. No. 0.54; Conservative 3; Mismatches 3; Indels
        ADDRESSEE: HAMILION, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         / Match 53.8%; Score 63; DB 16; Length 61; Local Similarity 53.1%; Pred. No. 0.41; nes 17; Conservative 1; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Clone ID: PAT_MRT3847_58838C.1.pep
US-10-424-599-240100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25 AAKKPKKAAVKKSPKKAKKPAAATKKAAKS 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 ARKKPAKAA-----RKKPAKAARKKPAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
                                 STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
                                                                                                                COUNTRY: U.S.A.
ZIP: 02173-4799
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    JS-10-390-472-17
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Matches
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RESULT

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US-10-093-892-9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: 05/10/282,122A
CURRENT PAPLICATION NUMBER: 06/191,078
PRIOR PAPLICATION NUMBER: 06/191,078
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-110-23
PRIOR FILING DATE: 2000-110-23
PRIOR FILING DATE: 2000-110-27
PRIOR PRIOR PRIOR DATE: 2000-110-27
PRIOR PRIOR PRIOR DATE: 2000-110-20
PRIOR PRIOR DATE: 2001-02-09
PRIOR PRIOR DATE: 2001-02-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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CORRESPONDENCE ADDRESS:
SADDRESSE: Pillabury Madison & Sutro STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   53.4%; Score 62.5; DB 12; Length 947; 68.2%; Pred. No. 6.7;
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Sequence 61665, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 9, Application US/10093892
Publication No. US20020177697A1
GENERAL INFORMATION: APPLICANT: FASEL, Nicolas Joseph
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 KKPAKAARKKPA-KAARKKPAK 23
                                                                                                    APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Yskind, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , ORGANISM: Mycobacterium leprae
US-10-282-122A-63665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 68.23
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 63665
LENGTH: 947
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COPIC MEMBRANES FORMED BY OF AMPHIPHILIC PEPTIDES AND USES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 13; Length 96;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CONTINUE SYSTEM: PC-DOS/MS-DOS
OPERATURG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/390,472
FILING DATE: 17-Mar-2003
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-AUG-1994
                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM
OPERATING SYSTEM
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION NUMBER: US/10/093,892
FILING DATE: 11-Mar-2002
CLASSIFICATION "CURKNOWN>
PRIOR APPLICATION WUMBER: US/08/668,255
FILING DATE: June 20, 1996
APPLICATION NUMBER: EP 96200665.6
FILING DATE: March 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Paal N. KOKLILS
NAME: Paal N. KOKLILS
REFERENCE/DOCKET NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 11422/224090
TELLEFAX: 202-861-3000
                                               ₽
9
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in, 720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 53.0%; Score 62; DB Best Local Similarity 61.9%; Pred. No. 0.86 Matches 13; Conservative 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: STABLE MACROSCOPIC SELF-ASSEMBLY OF AN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Zhang, Shuguang
Rich, Alexander
DiPersio, C. Michael
Lockshin, Curtis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-390-472-16; Application US/10390472; Sequence 16, Application US/10390472; Publication No. US20040087013A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDLIM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ||||| :|||| 41 KKPAKKVAEKPAKKVAKPAK 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3 KKPAKAARKKPAKAARKKPAK 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 96 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 6714627
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Holmes, Todd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 64
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RESULT 13
US-10-425-114-61609
; Sequence 61609, Application US/10425114
; Sequence 61609, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Liu, Vihua
; APPLICANT: Chou, Yihua
; APPLICANT: Tabaska, Jack E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 61609
; SEQ ID NO 61609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 56061, Application US/10425114
Publication No. US20040034888A1
FUBLICATION:
ROBERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Screen, Steven E
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Screen, Steven E
APPLICANT: Screen, Steven E
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jac
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 53794
LENGTH: 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   52.1%; Score 61; DB 12; Length 215; 66.7%; Pred. No. 2.5; 7; Indels tive 0; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 215;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      7; Indels
                                                                                                                                                                                                                                                                                                                                              FEATURE:
; OTHER INFORMATION: Clone ID: UC-ZMFLB73178A11_FLI.pep
US-10-425-114-53794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Clone ID: LIB3078-003-F7_FLI.pep
US-10-425-114-61609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
52.1%; Score 61; DB
Best Local Similarity 66.7%; Pred. No. 2.5;
Matches 14; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    149 KPAKAAAAKSKKAAAAKPKKA 169
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Matches 14; Conservative
                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-425-114-56061
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Squence 71653, Application US/10425114

Squence 71653, Application US/10425114

Sublication No. US20040034888A1.

Senemation Inc. Usingdong

APPLICANT: Liu, Jingdong

APPLICANT: APPLICANT: Cao, Yongwai

APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: Cao, Yongwai

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

CURRENT APPLICATION NUMBER: US/10/425,114

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

SEQ ID NO 71653

LENGTH: 210
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APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Screen, Jack B.
APPLICANT: Tabaska, Jack B.
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    52.1%; Score 61; DB 16; Length 60; 59.1%; Pred. No. 0.73; tive 1; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Clone ID: LIB3067-008-F3_FLI.pep
US-10-425-114-71653
       APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Brock, David E.
REGIESTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008A
TELECOMMUNICATION INFORMATION:
TELEFONE: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 53794, Application US/10425114; Publication No. US20040034888A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             30 KKPKKKAAKKAKKPAKKSPKKA 51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 59.1:
Matches 13; Conservative
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ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 12
US-10-425-114-53794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-390-472-16
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Gaps

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Jack 10-424-599-238898

Sequence 238899, Application US/10424599

Sequence 238899, Application US/10424599

Publication No. US20040031072A1

GENERAL INFORMATION:

APPLICANT: La Rosa Thomas J

APPLICANT: Zlou Yihua

APPLICANT: Zlou Yihua

APPLICANT: Cao Yongwai

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE DE INVENTION: 23-21(53223) B

CURRENT APPLICATION NUMBER: US/10/424,599

CURRENT APPLICATION NUMBER: US/10/424,599

NUMBER OF SEQ ID NOS: 285684

SEQ ID NO 238898

LENGTH: 179

LENGTH: 179

LENGTH: 179

LENGTH: 179

LENGTH: 179
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                                                                                                                                                                                                                  Query Match 52.1%; Score 61; DB 12; Length 298; Best Local Similarity 44.1%; Pred. No. 3.4; Matches 15; Conservative 3; Mismatches 2; Indels
; SEQ ID NO 56061

; LENGTH: 298

; TYPE: PRT

; ORGANISM: Zea mays

; FEATURE:

; CTHER INFORMATION: Clone ID: UC-ZMROB73006D02_FLI.pep

US-10-425-114-56061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Clone ID: PAT_MRT3847_5774C.1.pep
US-10-424-599-238898
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ORGANISM: Glycine max
FEATURE:
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Search completed: August 17, 2004, 17:19:23 Job time : 38.8416 secs

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Thu Aug 19 07:16:02 2004
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TELEX:
INFORMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS:
LENGTH: 223 amino acids TYPE: amino acid STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: protein
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Sequence 201, App
Sequence 1355, A
Sequence 12, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 13, Appl
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2, Appl

4, Appli

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12, Appli

12, Appli

16, App
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Sequence 16
Sequence 4,
Sequence 4,
Sequence 5,
Sequence 5,
Sequence 12
Sequence 12
Sequence 12
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Sequence 7
Sequence 1
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Sequence 2
Sequence 2
Sequence 6
Sequence 6
Sequence 6
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-205-426-201
US-09-205-426-201
US-08-303-025-12
US-08-3152-488-13
US-08-3152-488-13
US-08-436-7038-2
US-08-436-7038-2
US-08-436-7038-4
US-08-436-7038-4
US-08-436-7038-4
US-08-436-7038-4
US-08-436-7038-4
US-08-929-329-5
US-08-929-339-6
US-08-939-309-16
US-08-939-309-16
US-08-939-309-16
US-08-939-309-16
US-08-939-339-6
US-09-252-991A-23085
US-09-252-991A-23085
US-09-260-44-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            389414 segs, 51625971 residues
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108
1 AKKARAAKKARAAKKARA 24
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                              protein search, using sw model
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Gapop 10.0 , Gapext
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Maximum DB seq length: 200000000
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Query
Match Length DB
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Perfect score:
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US-09-405-743A-6
US-09-252-991A-29581
US-09-63-137-184
US-08-152-488-10
US-08-152-488-11
US-08-303-025-10
US-08-303-025-11
US-08-303-025-11
US-08-677-304-10
US-08-677-304-10
US-08-436-703B-15
US-08-436-703B-15
US-08-436-703B-15
US-08-436-703B-15
US-08-436-703B-15
US-08-436-703B-15
US-08-436-703B-15
US-08-933-008A-4
US-08-132-488-3
US-08-136-205-3
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COUNTRY: USA

COUNTRY: USA
                                                                                                                                                                                                                                                                                                         COUNTY: USA
ZIP: 99121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEG for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,855
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
APPLICATION NUMBER: 08/873,970
FILING DATE: 12-UN-1997
APPLICATION NUMBER: 08/873,970
APPLICATION NUMBER: 08/873,970
APPLICATION NUMBER: 08/873,970
APPLICATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002c3
TELECHOMNICATION:
TELEPHONE: 206-269-0565
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Thu Aug 19 07:16:02 2004

US-09-095-855-201

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; Sequence 1, Application US/08436703B
; Patent No. 5919761
; GENERAL INFORMATION:
  RESULT 5
US-08-436-703B-1
                                                   ·.
                                                 Gaps
Query Match 58.3%; Score 63; DB 4; Length 469; Best Local Similarity 62.5%; Pred. No. 0.53; Matches 15; Conservative 4; Mismatches 5; Indels
                                              5; Indels
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RESULT 4
US-08-303-025-12-
US-08-303-025-12-
Sequence 12 Application US/08303025
Patent No. 5614494
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Stanley, James C.
TILLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
299 AEKAAABEKAAABEKAAADKAAKA 322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , TITLE: N/A
; DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-496-7622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: N/A PUBLICATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: N/,
TOPOLOGY: N/A
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APPLICANT: Gary Breton et. al

ITILE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLER: 2709.2004001

CURRENT PELING DATE: 2000-01-27

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR FILING DATE: 1999-01-29

NUMBER OF SEQ ID NOS: 14342

LENGTH: 469
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                                                                                                                                                                                                                                                                                                 Sequence 201, Application US/09205426

Sequence 201, Application US/09205426

Setent No. 6406704

GENERAL INFORMATION:
APPLICANT: Wateson, James D.
TITLE OF INVENTION: Compounds and Methods for Treatment and TITLE OF INVENTION: Diagnosis of Mycobacterial Infections FILE REPERENCE: 11000.1002c4

CURRENT APPLICATION NUMBER: US/09/205,426

CURRENT APPLICATION NUMBER: US/09/205,426

CURRENT APPLICATION NUMBER: 09/095,855

EARLIER FILING DATE: 1998-06-11

EARLIER FILING DATE: 1999-06-11

EARLIER FILING DATE: 1997-12-23

EARLIER FILING DATE: 1997-06-12

EARLIER APPLICATION NUMBER: 08/873,970

EARLIER FILING DATE: 1997-06-12

EARLIER FILING DATE: 1996-08-29

NUMBER OF SEQ ID NOS: 208

SOFTWARE: FESTER DATE: 1996-08-29

NUMBER OF SEQ ID NOS: 208

LENGTHARE: PASTESQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 70.4%; Score 76; DB 4; Length 223; Best Local Similarity 81.8%; Pred. No. 0.0068; Matches 18; Conservative 0; Mismatches 4; Indels
                                                    Length 223;
                                                                                                   4; Indels
                                              Query Match 70.4%; Score 76; DB 3; Best Local Similarity 81.8%; Pred. No. 0.0068; Matches 18; Conservative 0; Mismatches 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 3
US-09-489-039A-13565
; Sequence 13565, Application US/09489039A
; Patent No. 6610836
                                                                                                                                                                                 147 AKKATAAKKAAPAKKATAAKKA 168
                                                                                                                                                  1 AKKARAAKKARAAKKA 22
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ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) ORGANISM: Mycobacterium vaccae
US-09-205-426-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-489-039A-13565
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STREET: 150 West Jefferson, Suite 2500 CITY: Detroit
STREET: 150 West Jefferson, Suite 2500 CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
ZIP: 48226-448
ZOMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM FC compatible
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTOMATE APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTOMATE ROAM. BENITE J.
NAME: ROAM. BENITE J.
PREFERENCE/DOCKET NUMBER: 7WH-060548-00231
                                                                                                                                                                                                                                                                                                 (DOS) Text
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 AKKA-RAAKKA-RAAKKAR 23
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Query Match

Best Local Similarity 73.1%; Pred. No. 0.1;

Matches 19; Conservative 4; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: ANDREWS, PRINCE CONTRIBUTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN INTILE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SIQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STATE: Michigan
                                                                                                            COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READBLE Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY-AGENT INPORMATION:
NAME: ROAM, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELEPHONE: 908-276-5344
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Michigan COUNTRY: United States of America CONTRY: United States of America COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb COMPUTE: IBM PC compatible OPERATING SYSTEM: MS-DOS v.6.22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 AKKA-RAAKKA-RAAKKA-RAAKKAR 23
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                                                  STATE: New Jersey COUNTRY: United States of America ZIP: 07016-1811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-152-488-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 15, Application US/08303025 Patent No. 5614494
: 512 Springfield Avenue Cranford
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AUTHORS: N/A TITLE: N/A PUBLICATION :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: N/A PUBLICATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ઠે
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56.0%; Score 60.5; DB 2; Length 28;
Best Local Similarity 73.1%; Pred. No. 0.088;

Matches 19; Conservative 4; Mismatches 0; Indels
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APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSE: Benita J, Rohm, Esq..
STREET: 6601 Woodward Avenue
STREET: State 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7WK-060548-00233
                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: ms-LOC
SOFTWARE: WordBerfeet 6;
SOFTWARE: ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: ROAM: Benita 2, 664
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 7MK-060548-
TELEPHONE: 313-965-1951
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 mmino acids
                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
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                                                                                                                                                                                                                                                                                                                        STATE: Michigan
COUNTRY: United States of America
ZIP: 48226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Benita J, Rohm, Esq.
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Patent No. 5534619
               Wakefield, Thomas W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNES: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                   Detroit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 6
US-08-152-488-13
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US-08-436-703B-1
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STREET:
CITY: De
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Length 32;
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APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: HERPARIN AND LOW MOLECULAR
TITLE OF INVENTION: HERPARIN AND LOW MOLECULAR
TITLE OF INVENTION: WEIGHT HERPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
MUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 60.5; DB 1;
Pred. No. 0.1;
4; Mismatches 0;
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ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 7WK-060548-00233
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSE: Benita J, Rohm, Esq.
STREET: 6601 Woodward Avenue
STREET: 5601 Woodward Avenue
STREET: 5601 Woodward Avenue
CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
ZIP: 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION NUMBER: N/A
APPLICATION NUMBER: N/A
APPLICATION NUMBER: N/A
                                                                                                                                                                                                                                                                          IELEFAX: 908-276-53344

TELEFAX: 908-276-5543

INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
TYPE: amino acid
STRANDEDNESS: No. 5721212 Relevant
TOPOLOGY: No. 5721212 Relevant
TOPOLOGY: No. 5721212 Relevant
CORGANISM: No. 5721212 Relevant
NOLECULE TYPE: peptide
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
TITLE: N/A
FUBLICATION INFORMATION:
COCCUPATION INFORMATION:
COCUPATION INFORMATION:
COCCUPATION INFORMATION:
CO
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GENERAL INFORMATION:
                                                                                                                 NAME: Rohm, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 73.1%;
Matches 19; Conservative 4
                             ATTORNEY/AGENT INFORMATION:
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GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
ITILE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITILE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STRRET: Springfield Avenue
CITY: Cranford
STRRET: Optingfield Avenue
CITY: United States of America
ZIP: 07016-1811
COMPUTER: LBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: WordPerfect 6; ASCII (DOS)Text
COMPUTER: WordPerfect 6; ASCII (DOS)Text
SOFTWARE: WordPerfect 6.1; ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION: 5.4
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 7WH-060548-00231
TELEPHONE: 313-456-454
TELEPHONE: 313-456-464
INFORMATION POR SEQ ID NO: 15:
ELENGTH: 32 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 AKKA-RAAKKA-RAAKKAR 23
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; FILING DATE: 14-AUG-1993
US-08-303-025-15
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; Patent No. 5721212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDENNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             N/A
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Query Match
Best Local Similarity 73.1%; Pred. No. 0.1;
Matches 19; Conservative 4; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 AKKA-RAAKKA-RAAKKA-RAAKKAR 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; PUBLICATION INFORMATION:
AUTHORS: N/A
; TITLE: N/A
; DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/08436703B Patent No. 5919761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   56.0%;
73.1%;
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PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: PEPLI
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 5919761 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-436-703B-4
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US-08-303-025-16
Squence 16, Application US/08303025
Squence 16, Application US/08303025
Patent No. 5614494
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W. APPLICANT: Stanley, James C. APPLICANT: Stanley, James C. TITLE OF INVENTION: NOVEL PETIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSER: Benita J, Rohm, Esq.
STREET: 1550 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE:

STATE:

STATE:

Michigan

COUNTRY:

Detroit

ZIP:

Michigan

COMPUTER READABLE FORM:

MEDIUM TYPE:

COMPUTER:

MEDIUM TYPE:

COMPUTER:

MEDIUM TYPE:

COMPUTER:

MEDIUM TYPE:

MOTORNER:

MOTO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                             LENGTH: 32 amino acids
TYPE: a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 amino acids
                       313-965-1976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 73.1
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                peptide
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STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptid
ORIGINAL SOURCE:
ORGANISM: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; AUTHORS: N/
; TITLE: N/A
US-08-436-703B-2
                          TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                g
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FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/COCKET NUMBER: P-PM
TELECHOMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Application US/09417264
Patent No. 6537768
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acid
TYPE: amino acid
                                                                                                                                                                               Abusa.
STREET: 43,0
CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
FEATURE:
NAME/KEY: Peptide
                                                                                                                                                                                                                                                                                                                                         92122
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-837-058-4
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                                                                                                                                                                                                                                                                          Sequence 4, Application US/09041889

Patent No. 6033864

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
NUMBER OF SEQUENCES:
ADDRESSEDS:
ADDRESSEDS
       'n
       Gaps
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56.0%; Score 60.5; DB 3; Length 218;
Best Local Similarity 55.6%; Pred. No. 0.55;
Matches 15; Conservative 5; Mismatches 4; Indels
       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /note= "product = Human Histone
H1-S-4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENY APPLICATION DATA: APPLICATION NUMBER: US/09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Campbell & Flores LLP
STREEF: 4370 La Jolla Village Drive, Suite 700
STRIF: San Diego
STATE: California
       .
0
   4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/837,058
FILING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAMB: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-9001
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ||||::|||:|||:||
166 AKKAKSPKKAKAAKPKKAPKSPAKAKA 192
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                                                                  1 AKKA-RAAKKA-RAAKKA-RAAKKAR 23
                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 218 amino acids
TYPE: amino acid
TOPOLOGY: linear
   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: Peptide

COCATION: 1.218

OTHER INFORMATION:

OTHER INFORMATION:

US-09-041-889-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U
ZIP: 92122
   19;
                                                                                                                                                                                                                                RESULT 12
US-09-041-889-4
Matches
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Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Histone H1
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APPLICANT: Chavy, Offer
TITLE DE INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Diagnosis, Prevention and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS: 41
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STREET: California
COUNTRY: USA
ZIP: 92122
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OTHER INFORMATION: /note= "product = Human Histone OTHER INFORMATION: H1-S-4"
TITLE OF INVENTION: Diagnosis, Prevention and Tre TITLE OF INVENTION: Ulcerative Colitis, and Clini TITLE OF INVENTION: Histone H1
NUMBER OF CORRESPONDENCE ADDRESS:
ADDRESSEB: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: COMPATER: PATENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,058
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
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| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : 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Search completed: August 17, 2004, 16:14:41 Job time : 12.9406 secs
HYPOTHETICAL: NC
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Plat
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| Sequence S. Application US/08929329
| Patent No. 6120770
| GENERAL INFORMATION:
| APPLICANT: Adams, John H
| APPLICANT: Dalton, John P
| APPLICANT: Dalton, John P
| APPLICANT: Dalton, John P
| APPLICANT: Mappe, Stefan
| TITLE OF INVENTION: Plasmodium Proteins Useful for Preparing
| TITLE OF INVENTION: Vaccine Compositions
| TITLE OF INVENTION: Proprieta
| TOWNERS OF SEQUENCES: 23
| COMPUTER: Indiana
| COUNTY: Indianapolis | TOWNERS: Broopy disk
| COMPUTER: Indianapolis | STATE: Indianapolis |
| STATE: Indianapolis | STATE: Ploppy disk
| COMPUTER: IEM PC Compatible |
| COMPUTER: IEM PC COMPATION: |
| APPLICATION NUMBER: US/08/929,329 |
| TILE OF TALLIAN NUMBER: 38,833 |
| REPERBONE: (317) 231-7443 |
| TELECOMMUNICATION INFORMATION: |
| 
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Best Local Similarity 55.6%; Pred. No. 0.55;
Matches 15; Conservative 5; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
NAME/KEY: Peptide
LOCATION: 1..218
COLBER INPORMATION: /note= "product = Human Histone"
US-09-417-264-4
                                                                APPLICALLO...

RILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 91,815
FELEPOMMUNICATION INFORMATION:
TELEPRORE: (619) 535-8949
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  166 AKKAKSPKKAKAKPKKPKSPAKAKA 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 AKKARAAKKARAAKKARAAK---KARA 24
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   unknown
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STRANDEDNESS:
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 15
US-08-929-329-5
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Gaps
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                                                                                                                                                                                                                                                                                                                                                 1213 KKAEAVKKAEEAKKKAEAAKKA 1234
                                                                                                                                                                                                                                                                                                2 KKARAAKKA-RAAKKARAAKKA 22
                                                                                                            Plasmodium yoelii
MOLECULE TYPE:
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August 17, 2004, 16:06:45; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
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| Cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*
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| Cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*
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| Cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*
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| Cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1292805 segs, 313927144 residues
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                            OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Minimum DB seq length: 0
Maximum DB seq length: 200000000
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108
                                                                                                                                                                                                                                                                                                                                                          Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Database
                                                                                                                                                                                                                     Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Sequence 2, Appli Sequence 12, Appl Sequence 16, Appl Sequence 59321, A Sequence 65231, A Sequence 12161, Sequence 120161,		6.53	equence 1705 equence 3980 quence 3, Ap equence 6254 equence 6481	Sequence 159975, Sequence 159976, Sequence 241375, Sequence 241400, Sequence 116545,
US-09-888-721-3 US-09-888-721-3 C US-10-390-472- C US-10-282-122A C US-10-437-963- C US-10-437-963- C US-10-282-122A	US-09-816-989A-5 US-09-816-989A-6 4 US-10-156-761-10 2 US-10-424-599-17 2 US-10-425-114-56 2 US-10-369-43-14	US-10-30-435-1448 US-10-424-599-1448 US-09-963-131-184 US-10-156-761-1130 US-09-816-989A-4 US-10-282-122A-564 US-10-282-122A-564	5 US-10-369-493-17058 5 US-10-369-493-3980 US-09-816-999A-3 2 US-10-282-122A-6254 4 US-10-229-567-27	0-424-59 0-424-59 0-424-59 10-424-59
26 26 373 347 347	L 00 W L 0/ 4	# <b>IN 100 10 11 11</b>	. 6 9 5 4 4	137 137 137 137 211
52252525 522525 522525 6225 6325 6325 63		000000		000000
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775 775 775 775 775 775 775 775 775 775	122222	2	# wwwww. # www.	4 4 4 4 1 2 6 4 2

## ALIGNMENTS

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RESULT INCOMATION US/10051643

Sequence 201, Application US/10051643

Sequence 201, Application US/2020197265A1

Sequence 201, Application US/2020197265A1

Sequence 201, Application US/2020197265A1

GENERAL INFORMATION: US2020197265A1

APPLICANT: Watson, James D.

TITLE OF INVENTION: Of Immunologically Mediated Diseases of the Respiratory System US 1000.1008a2

TITLE OF INVENTION: Of Immunologically Mediated Diseases of the Respiratory ITLE OF INVENTION: US941643

CURRENT APPLICATION NUMBER: US02/10.643

CURRENT FILING DATE: 1997-12-23

PRIOR FILING DATE: 1997-12-23

NUMBER OF SEQ ID NOS: 208

SEQ ID NO 201

LENGTH: 223

TYPE: PRT

CREANISM: Mycobacterium vaccae

US-10-051-643-201

Ouery Match

Best Local Similarity 81.8%; Score 76; DB 13; Length 223;

Best Local Similarity 81.8%; Pred. No. 0.014;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

AVENTARE OF SET INTERMENTARKARARAKKA 22
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DD 147 AKKATAAKKAAPAKKATAAKKA 168
RESULT 2
US-10-205-979-52
Sequence 52, Application US/10205979
Publication No. US20030147861A1

Thu Aug 19 07:16:03 2004

TYPE: PRT

g

Trawick, John Carr, Grant Yamamoto, Robert Forsyth, R.

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APPLICANT: Xu, H.

APPLICANT: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.0384

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-23

PRIOR PLILOR DATE: 2000-05-26

PRIOR PLILOR DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/230,335

PRIOR PLILOR DATE: 2000-09-06

PRIOR PLILOR DATE: 2000-09-06

PRIOR PLILOR DATE: 2000-09-06

PRIOR PLILOR DATE: 2000-10-23

PRIOR PLILOR DATE: 2000-11-27

PRIOR PLILOR DATE: 2000-10-23

PRIOR PLILOR DATE: 2000-11-27

PRIOR PLILOR DATE: 2000-10-23

PRIOR PLILOR DATE: 2000-10-23

PRIOR PLILOR DATE: 2000-10-23

PRIOR PLILOR DATE: 2000-10-23

PRIOR PLILOR DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/250,636

PRIOR APPLICATION NUMBER: 60/250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 57.9%; Score 62.5; DB 12; Length 428; Best Local Similarity 70.8%; Pred. No. 1.4; Matches 17; Conservative 3; Mismatches 3; Indels 1
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// Sequence 8, Application US/10240430

// Sequence 8, Application US/10240430

// Publication No. US20040110928A1

// GENERAL INFORMATION:

// APPLICANT: Crisanti, Andrea

// APPLICANT: Crisanti, Selma

// TITLE OF INVENTION: Peptide Conjugates for Drug Delivery

// FILE REPRENEUS: GJE-6402:

// URRENT APPLICATION NUMBER: US/10/240,430

// CURRENT FILING DATE: 2003-04-15

// PRIOR APPLICATION NUMBER: UK 0102667.3

// PRIOR PLING DATE: 2001-04-12

// PRIOR PLING DATE: 2000-04-12

// RICH APPLICATION NUMBER: UK 0009080.3

// PRIOR PLING DATE: 2000-04-12

// NUMBER: OF SEQ ID NOS: 14

// SEQ ID NO 8

// LENGTH: SE

// WUMBER: PatentIn version 3.1

// SEQ ID NO 8

// LENGTH: SE

// WUMBER: PatentIn version 3.1
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US-10-240-430-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Enterd
US-10-282-122A-5574
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0
APPLICANT: Watson, James D.

APPLICANT: Tan, Paul L. J.

APPLICANT: Abernethy, Nevin

TITLE OF INVENTION: Of Immune Responses

FILE REFERENCE: 11000.1063U

CURRENT APPLICATION NUMBER: US/10/205,979

CURRENT APPLICATION NUMBER: 60/308,446

PRIOR APPLICATION NUMBER: 60/308,446

PRIOR FILING DATE: 2001-07-26

NUMBER OF SEQ ID NOS: 52

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 223
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 127, Application US/09771161A
| Patent No. US20020110811A1
| GENERAL INFORMATION: et al. |
| TITLE OF INVENTION: vARLANTS OF PROTEIN KINASES |
| TITLE OF INVENTION: VARLANTS OF PROTEIN KINASES |
| TITLE OF INVENTION: VARLANTS OF PROTEIN KINASES |
| TITLE OF INVENTION: VARLANTS OF PROTEIN KINASES |
| TITLE OF INVENTION: VARLANTS OF PROTEIN KINASES |
| TITLE OF INVENTION: VARLANTS OF PROPERIOR OF SUCH OL-26 |
| PRIOR APPLICATION NUMBER: 09/724,676 |
| PRIOR FILING DATE: 2000-01-28 |
| PRIOR FILING DATE: 2000-06-15 |
| PRIOR APPLICATION NUMBER: 135776 |
| PRIOR APPLICATION NUMBER: 135776 |
| PRIOR FILING DATE: 2000-06-15 |
| PRIOR FILING DATE: 2000-06-15 |
| PRIOR FILING DATE: 2000-06-15 |
| NUMBER OF SEQ ID NOS: 273 |
| SOFTWARE: PatentIn version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Mycobacterium vaccae US-10-205-979-52
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Ohlsen, Kari
Zyskind, Judith
Wall, Daniel
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APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo sapiens
US-09-771-161A-127
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SEQ ID NO 127 LENGTH: 243 TYPE: PRT

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us-09-496-391-51.rapb

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APPLICANT: Braun, Jonathan
APPLICANT: Braun, Jonathan
Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
Ulcerative Colitis, and Clinical Subtypes Thereof, Using
Microbial UC pANCA antigens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 56.0%; Score 60.5; DB 16; Length 130; Best Local Similarity 55.6%; Pred. No. 0.81; Matches 15; Conservative 5; Mismatches 4; Indels 3;
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EDDIN TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DCS/NS-DCS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION NUMBER: US/10/229,567

FILING DATE: 27-Aug-2002

CLASSIFICATION NUMBER: US/09/417,264

FILING DATE: CUNKNOWN-

APPLICATION NUMBER: US 09/041,889

FILING DATE: CUNKNOWN-

APPLICATION NUMBER: US 09/041,889

FILING DATE: CUNKNOWN-

APTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.
                                                                                                                                                                                                          NS-10-240-430-5
Sequence 5, Application US/10240430
Publication No.220040110928A1
Publication No.22040110928A1
GENERAL INFORMATION:
APPLICANT Crisanti, Andrea
APPLICANT: Esseghir Selma
ITILE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REFERENCE: GUE-4402
CURRENT APPLICATION NUMBER: US/10/240,430
CURRENT FILING DATE: 2003-04-15
PRIOR APPLICATION NUMBER: UK 0102667.3
PRIOR PILING DATE: 2001-04-12
PRIOR FILING DATE: 2001-04-12
NUMBER OF SEQ 1D NOS: 14
SOFTWARE: Patentin version 3.1
SEQ 1D NO 5.0
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ADDRESSEB: Campbell & Flores Lip
STRET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |||||:||||:|||
76 AKKAKSPKKAKAKPKKAPKSPAKAKA 102
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76 AKKAKSPKKAKAAKPKKAPKSPAKAKA 102
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US-10-229-567-4
; Sequence 4, Application US/10229567
; Publication No. US20030092080A1
; GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                               Sequence 7, Application US/10240430
; Sequence 7, Application US/10240430
; Publication No. US20040110928A1
; GENERAL INFORMATION:
; APPLICANT: Crisanti, Andrea
; APPLICANT: Esseghir, Selma
; TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
; TILE REFERENCE: GJE-6402
; CURRENT FILING DATE: 2003-04-15
; PRIOR APPLICATION NUMBER: US/10/240,430
; PRIOR PELICATION NUMBER: UX 0102667.3
; PRIOR PELICATION NUMBER: UX 0102667.3
; PRIOR APPLICATION NUMBER: UX 0009080.3
; PRIOR APPLICATION NUMBER: UX 0009080.3
; PRIOR FILING DATE: 2000-04-12
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 14
; SEQ ID NOS: 14
                                       4; Indels
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GENERAL INFORMATION:
JAPELOLAMT: Crisanti, Andrea
APPLICAMT: Esseghir, Selma
TITLE OF INVENTION: Compositions for Drug Delivery
FILE REFERENCE: G262-6703
CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: UK 0218324.2
PRIOR APPLICATION NUMBER: PCT/GB01/01699
PRIOR APPLICATION NUMBER: PCT/GB01/01699
PRIOR FILING DATE: 2001-04-12
PRIOR FILING DATE: 2001-04-12
PRIOR FILING DATE: 2001-04-12
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn version 3.1
SQOTWARE: PATENTIN VERSION 3.1
SQOTWARE: PRIOR HOMO SAPIENCE
TIPES PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PATENTIN VERSION 3.1
SQOTWARE: PATENTIN VERSION 3.1
SQOTWARE: PRIOR HOMO SAPIENCE
TYPE: PRI
TYPES PRIOR THE NOS: 2
LENGTH: 130
TYPE: PRI
TYPES PRIOR THE NOS: 2
LENGTH: 130
TY
Best Local Similarity 55.6%; Pred. No. 0.35
Matches 15; Conservative 5; Mismatches
                                                                                                                                                        12 AKKAKSPKKAKAAKPKKAPKSPAKAKA 38
                                                                                                             1 AKKARAAKKARAAKKARAAK---KARA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                    RESULT 6
US-10-240-430-7
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US-10-262-209-2
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rred. No. 1.4;
5; Mismatches
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CURRENT FILING DATE: 2003-04-15
PRIOR APPLICATION WUMBER: PCT/GB01/01697
PRIOR FILING DATE: 2001-04-12
PRIOR PILING DATE: 2001-04-12
PRIOR FILING DATE: 2001-02-02
PRIOR FILING DATE: 2001-02-02
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
LENGTH: 234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         167 AKKAKSPKKAKAAKPKKAPKSPAKAKA 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 AKKARAAKKARAKKARAAK---KARA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      22 KKAYAKKEAKAYKABAEAKKKAKA 44
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APPLICANT: Zamudio, Carlos
APPLICANT: Manone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 55.6%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    14; Conservative
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; ORGANISM: Homo sapiens
US-10-240-430-2
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Best Local Similarity
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US-09-816-989A-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 218;
                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: /note= "product = Human Histone H1-S-4"
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Publication No. US20040110928A1
GENERAL INFORMATION:
APPLICANT: Cisanti, Andrea
APPLICANT: Esseghir, Selma
ITLE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REFERENCE: GAF-6402
CURRENT APPLICATION NUMBER: US/10/240,430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/10262209
| Publication No US20030125239A1
| GENERAL INFORMATION:
| APPLICANT: Crisanti, Andrea APPLICANT: Esseghir, Selma |
| TITLE OF INVENTION: Compositions for Drug Delivery FILE REPRENCE: GJE-6703 |
| CURRENT FILING DATE: 2002-09-30 |
| PRIOR APPLICATION NUMBER: UK 0218324.2 |
| PRIOR APPLICATION NUMBER: UK 0218324.2 |
| PRIOR APPLICATION NUMBER: UK 0218324.2 |
| PRIOR PILING DATE: 2001-04-12 |
| PRIOR APPLICATION NUMBER: UK 0102667.3 |
| PRIOR FILING DATE: 2001-02-12 |
| PRIOR FILING DATE: 2001-02-12 |
| PRIOR FILING DATE: 2000-04-12 |
| PRIOR FILING DATE: 2000-04-13 |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 14;
                                             REFERENCE/DOCKET NUMBER: P-PM 3006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 56.0%; Score 60.5; I Best Local Similarity 55.6%; Pred. No. 1.3; Matches 15; Conservative 5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           166 AKKAKSPKKAKAAKPKKAPKSPAKAKA 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   167 AKKAKSPKKAKAAKPKKAPKSPAKAKA 193
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 AKKARAAKKARAAKKARAAK---KARA 24
      REGISTRATION NUMBER: 31,815
                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                           LENGTH: 218 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                               TELEFAX: (619) 535-8949 INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                     Peptide
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                  NAME/KEY:
LOCATION:
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TYPE: PRT
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Sequence 7. Application US/09816989A

| Sequence 7. Application US/09816989A
| Patent No. US20020115103A1
| GENERAL INFORMATION:
| APPLICANT: Lis, Doris
| APPLICANT: Lis, Doris
| TITLE OF INVENTION: COPOLYMER I RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKE
| TITLE OF INVENTION: AND FOR THERAPEUTIC USE
| TITLE OF INVENTION: AND FOR THE THERAPEUTIC USE
| TITLE OF INVENTION: AND FOR THE THERAPEUTIC USE
| TITLE OF INVENTION: AND FOR THE THERAPEUTIC USE
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                                                                                                                                                        Gaps
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              Length 234;
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                                                                                                                                                        Indels
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Score 60.5; DB 16;
Pred. No. 1.4;
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Gaps

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9; Indels

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Best Local Similarity 62.5%; Fred. No. 3.8; Matches 15; Conservative 0; Mismatches
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APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Availe, David K.
APPLICANT: Shou, Yahua
APPLICANT: Cao, Yongwei
APPLICANT: Burkharov, Andrey A.
APPLICANT: Burkharov, Andrey A.
APPLICANT: Burkharov, Andrey A.
APPLICANT: Li, Find
APPLICANT: Li, Ping
IIILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 186290
LENGTH: 293
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                                                                                                               APPLICANT: Xu, H.

APPLICANT: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034
CURRENT APPLICATION NUMBER: 05/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR PLILOR DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR PLLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/200,727
PRIOR APPLICATION NUMBER: 60/200,335
PRIOR PLILNG DATE: 2000-05-26
PRIOR PLILNG DATE: 2000-05-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR PLILNG DATE: 2000-10-23
PRIOR PLILNG DATE: 2000-10-23
PRIOR PLILNG DATE: 2000-11-27
PRIOR PLILNG DATE: 2000-12-22
PRIOR PLILNG DATE: 2000-12-22
PRIOR PLILNG DATE: 2001-12-22
PRIOR PLILNG DATE: 2001-02-16
PRIOR PLILNG DATE: 200
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US-10-437-963-186290
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ORGANISM: Pseudomonas putida
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-282-122A-68109
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Gaps
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| Control of the 
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94 AKQAKSDLADAKKKABATKKABAARRAA 122
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                                                                                                                    258 akkpadakkapakkaapakkada 281
1 AKKARAAKKARAAKKARA 24
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; ORGANISM: Streptomyces avermitilis
US-10-156-761-12370
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RESULT 2

US-09-222-91A-24114

Second 24114, Application US/09252991A

Patent No. 651795

EGENERAL INPORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: APRIGIANCE: 107196.136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

SEQ ID NOS: 33142

LENGTH: 977

TYPE: PRT
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                                                                                                         August 17, 2004, 15:50:03 ; Search time 8.95545 Seconds (without alignments) 103.766 Million cell updates/sec
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-252-991A-24114
US-08-436-703B-17
US-08-436-703B-17
US-09-0-352-990-23
US-09-0-352-990-23
US-09-0-417-264-4
US-09-0-417-264-4
US-09-0-417-264-4
US-09-0-552-91A-16820
US-09-0-552-91A-16820
US-09-0-555-291A-265-23
US-09-0-555-238
US-09-0-555-238
US-09-0-555-238
US-09-0-56-256-238
US-09-0-56-256-238
US-09-0-56-256-238
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US-09-0-56-256-238
US-09-0-0-6-356-238
US-09-0-0-6-356-238
US-09-0-0-9-384-13
US-09-252-991A-27204
US-09-413-814-79
US-09-252-991A-27345-5
US-09-170-834-13
US-09-170-834-13
US-09-170-834-13
US-09-170-834-13
US-09-170-834-13
US-09-186-0908-1
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                                                                                                                                                                                                                                                                                                                    389414 segs, 51625971 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                   OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                              0.5
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81
1 ARRAKAARRAKA 18
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Gapop 10.0 , Gapext
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Maximum DB seq length: 200000000
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Query
Match Length DB
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Database :
                                                                                                                                                                                                                            Sequence:
                                                                                                                                                                                                                                                                                                                      Searched:
                                                                                                               Run on:
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	PSEUDOMONAS	
Appli Appli 63, Ap 60, A 60, A 60, A Appl Appl Appli Appli Appli Appli Appli		
66, All 1256, Al	6. OT	
	ALIGNMENTS ation US/09252991A  ubenfield et al.  NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS 96.136  1999-02-18  1999-02-18  1999-02-18  1999-02-18  1999-02-18  1998-02-18  1998-02-18  1998-02-18  1998-03-18  1999-03-18	
Sequence seq	S RE PEUT	134;
	ENCE HBRA	gth 1
MC 9 8 8 M M	SEQU T ND T	Length
66 62 62 62 62 63 63 63 64 64 65 65 65 65 65 65 65 65 65 65 65 65 65	CID	.,
-339-6 -044-6 -014-769 -991A-125663 -991A-225663 -991A-24758 -991A-24758 -991A-24758 -991A-24758 -991A-24758 -991A-17196 -991A-17196 -984A-25 -284A-25 -284A-25 -1008A-4	TS NO A STILL	DB 1;
US-08-994-339-6 US-09-306-04-6 US-09-732-210-769 US-09-252-991A-25663 US-09-252-991A-26049 US-09-252-991A-26049 US-09-252-991A-26049 US-09-252-991A-26049 US-09-252-991A-26049 US-09-252-991A-17196 US-09-252-991A-17196 US-09-252-991A-17196 US-09-252-991A-20213 US-09-252-991A-20213 US-09-252-991A-20213 US-09-252-991A-20213 US-09-252-991A-17196 US-08-293-284A-25	ALIGNMENT 52991A al. AND AMIN OR DIAGNO /252,991A 074,788	e 52; No.
US-08-894 US-09-7306 US-09-7306 US-09-252 US-09-252 US-09-252 US-09-953 US-08-953 US-08-953 US-08-893 US-08-993 US-08-993 US-08-993 US-08-993 US-08-993 US-08-993 US-08-993 US-08-993 US-08-993 US-08-993 US-08-993 US-08-993 US-08-993 US-08-993	ALIG 0925299 0925299 cr al. Cr al. A FOR D 7 09/252 18 60/074, 60/094,	Score Pred.
0 - sn 0 - sn	on US/092 Infield et UEIC ACID UGINOSA F 136 99-02-18 1 US 60/	
0 m d d d d d d d d d d d d d d	n US fiel EEIC GINO 336 02-1 08-02 07-2 142	64.28;
168866468888888888888888888888888888888	SULT 1 -09-252-991A-30158 Sequence 30158, Application US/09252991A Patent No. 6551795 GENERAL INFORMATION: APPLICANT: Marc J. Rubenfield et al. TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELAT TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS TITLE OF INVENTION: NUMBER: US/09/252,991A CURRENT FILING DATE: 1999-02-18 PRIOR APPLICATION NUMBER: US 60/074,788 PRIOR APPLICATION NUMBER: US 60/074,788 PRIOR FILING DATE: 1998-07-27 NUMBER OF SEQ ID NOS: 33142 SEQ ID NO 30158 LENGTH: 134 TYPE: PRT CREATER PRIOR PRI	64.2
<i>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</i>	plic N: N: N: N: N: 1071 1071 1071 NUN: NUN: NUN: 11 NOS:	itv
00000000000000000000000000000000000000	0158 17950 17950 17950 170	ilar
444444444 QQQQQQQQQQQQ	2-991A-30158 ce 30158, Appl No. 6551795 LINFORMATION: CANT: Marc J. OP INVENTION: OF INVENTION: OF INVENTION: REPERENCE: 10 NT APPLICATION NT FILING DATE APPLICATION NT FILING DATE: APPLICATION NO. 70158 THE SEC IN NO. 30158 THE 134	h Similaritv
चंचंचंचंचंचंचं चंचं □ □ चंचं	2-999 CANT TO NO. 3 CANT TO NO. 3 CANT TO	Matc
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RESULT 1 US-09-252-991A-30158 Sequence 30158, Applicat Batent No. 6551795 GENERAL INFORMATION: APPLICANT: Marc J. Rub TITLE OF INVENTION: NE TITLE OF INVENTION: NUMBER CURRENT FILING DATE: 199 PRIOR FILING DATE: 199	Query Match Best Local
CANADA CA	RESULT US-09-1	a S

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Length 38;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James G.
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WITCOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benite J. Rohm, Bsq.
STREET: G601 Woodward Avenue
STREET: Suite 1525
CITY: Detroit
STREET: G61 Woodward Avenue
STREET: United States of America
ZIP: Detroit
STATE: Michigan
COUNTRY: United States of America
ZIP: 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBN PC Compatible
COMPUTER: BR PC Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII (D03)Text
CURRENT APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-WAY-1995
CLASSIFICATION NUMBER: N/A
ATTORNYAGENTE NUMBER: N/A
FILING DATE: N/A
ATTORNYAGENTE NUMBER: 7WK-060548-00233
TELECOMMUNICATION INFORMATION:
                                                                    FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita.
RESISTRATION NUMBER: 28 664
REFERENCE/DOCKET NUMBER: 7WK-060548-00233
TELEPHONE: 313-965-1976
INFORMATION FOR PAINTION:
TELEFAX: 313-965-1951
INFORMATION FOR SQ ID NO: 17:
SEGURNCE CHARACTERISTICS:
LENGTH: 38 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               58.0%; Score 47; DB 2; 73.7%; Pred. No. 1.5;
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ARRA-KAARRA-KAARRAK 17
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Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: N/A MOLECULE TYPE: p. ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TITLE: N/A US-08-436-703B-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-436-703B-5
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                                                                                                                                                                                                                                                                                                                      US-09-252-991A-27184

Sequence 27184, Application US/09252991A

TILLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.136

CURRENT FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 844
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                                                                            Query Match 63.0%; Score 51; DB 4; Length 907; Best Local Similarity 58.8%; Pred. No. 8.1; Matches 10; Conservative 5; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 59.3%; Score 48; DB 4; Length 844; Best Local Similarity 61.1%; Pred. No. 20; Matches 11; Conservative 3; Mismatches 4; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ANTICOAGULATION REVERSAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 17, Application US/08436703B; Patent No. 5919761
; GENERAL INFORMATION: Andrews, Philip C. APPLICANT: Andrews, Philip C. APPLICANT: Stanley, James C. TITLE OF INVENTION: HEPARIN AND LOW MOLECT TITLE OF INVENTION: HEPARIN AND LOW MOLECT TITLE OF INVENTION: WEIGHT HEPARIN ITLE OF INVENTION: ANTICOACULATION REVERS; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS: ADDRESSES: ADDRESSES: Benita J, Rohm, Esq. STREET: 6601 Woodward Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: Michigan
COUNTRY: United States of America
ZiP: 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb,
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                               95 ARRARRSRRSAASRRAR 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 ARRAKAARRAKAARA 18
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SOFTWARE: ASCII (DOS) Text
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    08-MAY-1995
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APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Mich:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-252-991A-27184
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-436-703B-17
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Gaps

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Sequence 4, Application US/08837058

Patent No. 607484710N:

APPLICANT: Braun, Jonathan

APPLICANT: Targan, Stephan R.

APPLICANT: Braun, Jonathan

APPLICANT: Diagnosis, Prevention and Treatment of

TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using

TITLE OF INVENTION: Histone H1

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSE: Campbell & Flores LLP

ADDRESSE: Campbell & Flores LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 56.8%; Score 46; DB 3; Length 218; Best Local Similarity 50.0%; Pred. No. 10; Matches 9; Conservative 6; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: PALABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: DAY DISK

COMPUTER: DAY DISK

CONFERNITY SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/041,889

FLING DATE:

CLASSIFICATION DATA:

APPLICATION NUMBER: US/08/837,058

FILING DATE: 11-APR-1997

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cantryn A.

REGISTRATION NUMBER: P-PM 3006

TELERRANCE/DOCKET NUMBER: P-PM 3006

TELERRANCE/DOCKET NUMBER: P-PM 3006

TELERRANCHION INFORMATION:

TELERRANCE (619) 535-8949

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 218 amino acids

TOPPOLOGY: Inhear

FRATURE:

FRATURE:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PATENTING PATE:
APPLICATION NUMBER: US/08/837,058
FILING DATE:
FLING DATE:
CLASSIFICATION:
NAME: CAMPDELI, CATHYNA
NEGISTRATION NUMBER: 31,315
REFERENCE/DOCKET NUMBER: P-PM 2438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |::||: ::|||: ||
166 AKKAKSPKKAKAAKPKKA 183
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CITY: San Diego
STATE: California
COUNTRY: USA
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Patent No. 6033864
CENERAL INFORMATION:
PAPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                     5;
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                                                                                                                                                                                                                                                                                                                                                                                       Length 39;
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                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Famodu, Layo O.
APPLICANT: Orozco, Buddy
APPLICANT: Orozco, Buddy
TITLE OF INVENTION: Plant Aminoacyl-tRNA Synthetase
FILE REFERENCE: BB-1191
CURRENT APPLICATION NUMBER: US/09/352,990
CURRENT FILING DATE: 1999-07-14
EARLIER APPLICATION NUMBER: 60/092,866
EARLIER FILING DATE: July 15, 1998
NUMBER OF SEQ ID NOS: 29
SOFTWARE: Microsoft Office 97
LENGTH: 346
                                                                                                                                                                                                                                                                                                                                                                                     Score 47; DB 2;
Pred. No. 1.5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                     3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 6
US-09-352-990-23
'Sequence 23, Application US/09352990
'Patent No. 6255090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-352-990-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ARRA-KAARRA-KAARRAK 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6 ARRARRARRARRAR 24
TELEPHONE: 313-965-1976
TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
LENGTH: 39 amino acids
                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 73.7%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5 KAARRAKAARRAKA 18
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Matches 9; Conservative
                                                                                                                  TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                         ) ORGANISM: N/A
) PUBLICATION INFORMATION:
) AUTHORS: N/A
US-08-436-703B-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     San Diego
California
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US-09-041-889-4
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ATTORNEY/AGENT INFORMATION:
NAME: Maki, David d.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.457
TELEPOMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 682-6031
                                                                                                                                          1 ARRAKAARRAKAARA 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        13; Conservative
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CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
                   Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best_Local Similarity
Matches 13; Conserv
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Query Match
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Ulcerative Colitis, and Clinical Subtypes Thereof, Using
Microbial UC pANCA antigens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                /note= "product = Human Histone H1-S-4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note= "product = Human Histone
H1-S-4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRANT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 46; DB 3;
Pred. No. 10;
6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UNDER:
ATORNEY AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/POCKT NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-8949
INFORMATION FOR SED ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGRIF: 218 anino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/09417264
Patent No. 6537768
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Pre
TITLE OF INVENTION: Microbial UC p
NUMBER OF SEQUENCES: 4
NUMBER OF SECUENCES: 4
NUMBER O
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      166 AKKAKSPKKAKAAKPKKA 183
                       TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENOTH: 218 amino acids
TYPE: amino acids
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 ARRAKAARRAKAARA 18
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 50.0%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                         LOCATION: 1.218
CTHER INFORMATION:
CTHER INFORMATION:
US-08-837-058-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION:
COTHER INFORMATION:
US-09-417-264-4
                                                                                                                                                                                                                                                                                                                       NAME/KEY: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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TREATM
                                                                                                                                                                                                                                                  US-09-252-991A-16820

Sequence 16820, Application US/09252991A

Sequence 16820, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:
APPLICANT:
APPLICANT:
MAC J. RUBENTION: MUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: MUCLEIC ACID AND THERAPEUTICS
FILE REPERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18
PRIOR PLING DATE: 1998-02-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPOUNDS AND METHODS FOR THE PREVENTION AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14;
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Similarity 50.0%; Pred. No. 10; 9; Conservative 6; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              56.8%; Score 46; DB 4; Length 338; 43.3%; Pred. No. 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OCTUTATION AND TO CONSTITUTE OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/056,556
FILING DATE: 07-APR-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 RRAKAARRA------KAARRAK 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/034,190 PRIOR FILING DATE: 1998-07-27 NUMBER OF SEQ ID NOS: 33142 SEQ ID NO 16820 LENGTH: 338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 228, Application US/09056556
Patent No. 6350456
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Dillon, Davin C.
TITLE OF INVENTION: COMPOUNDS AN UNBER OF SEQUENCES: 241
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEED and BERRY LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-16820
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METHODS FOR IMMUNOTHERAPY OF TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATE:

APPLICATION NUMBER: US/09/072,967

FILING DATE: 05-MAY-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: MAXI, DAVId J.

REGISTRATION NUMBER: 31,392

REFERENCE/POCKET NUMBER: 210121.411C9

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                APPLICANT: Reed, Steven G.
APPLICANT: Reed, Steven G.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Campos Neto, Antonio
APPLICANT: Campos Neto, Antonio
APPLICANT: Houghton, Raymond
APPLICANT: Houghton, Raymond
APPLICANT: Twardzik, Daniel R.
APPLICANT: Twardzik, Daniel R.
APPLICANT: Twardzik, Daniel R.
APPLICANT: Twardzik, Daniel R.
APPLICANT: Hendrickson, Ronald C.
APPLICANT: Hendrickson, Ronald C.
APPLICANT: Hendrickson, Ronald C.
APPLICANT: Hombrion, Romoniel R.
APPLICANT: Hendrickson, Ronald C.
APPLICANT: Hendrickson, Ronald C.
APPLICANT: Scattle
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Scattle
STREET: Washington
                                                                                                Sequence 228, Application US/09072967 Patent No. 6592877
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 228:
SEQUENCE GIRRACTERISTICS:
LENGTH: 92 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 RRAKAARRAKAARKA 18
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Best Local Similarity 58.8 Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , MOLECULE TYPE: protein US-09-072-967-228
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US-09-072-596-223
US-09-072-596-223
Sequence 223, Application US/09072596
Patent No. 6458366
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: David, Yasir A.W.
APPLICANT: Campos-Neto, Antonia
APPLICANT: Houghton, Raymond
APPLICANT: Wardick, Thomis S.
APPLICANT: Wardick, Daniel R.
APPLICANT: Lodes, Michael J.
APPLICANT: Lodes, Michael J.
APPLICANT: Lodes, Michael J.
APPLICANT: APPLICANT: And SERVE LIP
APPLICANT: AND ADDRESS: 350
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                          ..
0
                                                                                                                                                                                                                                   Query Match 55.6%; Score 45; DB 4; Length 92; Best Local Similarity 58.8%; Pred. No. 6.4; Matches 10; Conservative 3; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             55.6%; Score 45; DB 4; Length 92; 58.8%; Pred. No. 6.4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MONDUTER READABLE FORM:
MONDUTER: IBM PC compatible
COMDUTER: IBM PC compatible
COMBUTER: IBM PC compatible
COMBUTER: IBM PC compatible
COMBATION SYSTEM: Release #1.0, Version #1.30
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/072,596
FILING DATE: 05-MAY-1998
CLASSIFICATION NUMBER: 31,392
REGISTRATION NUMBER: 31,392
REGISTRATION NUMBER: 210121.417C9
FELECOMPUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 622-6031
INFORMATION POR SEQ ID NO: 223:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TENGTH: 92 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                              30 ORAAALEKAAAARRARA 46
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                                               LENGTH: 92 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-09-056-556-228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 58.8
Matches 10; Conservative
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             , MOLECULE TYPE: protein US-09-072-596-223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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TREATME KENULL 14
US-09-056-536
Sequence 235, Application US/09056556
Sequence 235, Application US/09056556
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: OCNPOUNDS AND METHODS FOR THE PREVENTION AND NUMBER OF SEQUENCES: 241
CORRESPONDENCE ADDRESS: 241
CORRESPONDENCE ADDRESS: 3
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue DB 4; Length 92; 4; Indels 55.6%; Score 45; DB 4 58.8%; Pred. No. 6.4; tive 3; Mismatches

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В
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 55.6%; Score 45; DB 4; Length 160; Best Local Similarity 58.8%; Pred. No. 11; Matches 10; Conservative 3; Mismatches 4; Indels
                                                       MEDIUM TYPE: FLORM:
MEDIUM TYPE: FLORPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATE:
FILING DATE: US/09/056,556
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: SEED and BERRY LLP
6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                       FILING DATE: 07-APR-1998
CLASSIFICATION:
ATTORNEY/ AGENT INFORWATION:
NAME: MAKI, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.457
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 682-6931
INFORMATION FOR SEQ ID NO: 235: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/072,596
FILING DATE: 05-MAY-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 98104-7092
COMPUTER READABLE FORM:
CMDIUM TYPE: Floppy disk
CMDUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 230, Application US/09072596
Patent No. 6458366
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Skeiky, Yaair A.W.
APPLICANT: Dillon, Davin C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     22 ORAALEKAAAARRARA 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 RRAKAARRAKAARAKA 18
                                                                                                                                                                                                                                                                                                                                                                                                                                              160 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear,

MOLECULE TYPE: protein
US-09-056-556-235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         single
Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: sir
                                          98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: SEED
STREET: 6300 CO
CITY: Seattle
STATE: Washingtu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       JS-09-072-596-230
                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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August 17, 2004, 16:06:45; Search time 28.3812 Seconds (without alignments) 199.100 Million cell updates/sec OM protein - protein search, using sw model 1 ARRAKAARRAKAARRAKA 18 US-09-496-391-54 Title: Perfect score: Sequence: Run on:

1292805 segs, 313927144 residues BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table: Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Published Applications AA:\*

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18: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep:\*
18: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

Result No.	Score	* Query Match	* Query Match Length DB	DB	di	Description
1	49	60.5	1 60	16	US-10-437-963-185672	Sequence 185672.
N	48	59.3	200	12	US-10-425-114-70601	Sequence 70601, A
e	48	59.3	243	6	US-09-771-161A-127	Sequence 127, App
4	48	59.3	840	σ	US-09-815-242-5198	Sequence 5198, Ap
2	48	59.3	840	12	US-10-282-122A-43614	Segmence 43614. A
9	48	59.3	840	14	US-10-127-032-108	Sequence 108, App
7	47	58.0	106	16	US-10-437-963-148131	Sequence 148131,
œ	47	58.0	138	14	US-10-156-761-12462	Sequence 12462, A
σ	47	58.0	272	14	US-10-156-761-12370	Sequence 12370, A
10	47	58.0	346	10	US-09-846-589A-23	Sequence 23, Appl
11	47	58.0	411	12	US-10-425-114-57956	Sequence 57956, A
12	46	56.8	26	σ	US-09-888-721-2	Sequence 2, Appli
13	46	56.8	26	σ	US-09-888-721-32	Sequence 32, Appl
14	46	56.8	55	16	US-10-240-430-8	
15	46	56.8	99	16	US-10-240-430-7	Sequence 7, Appli

•	ì	5, App	4	۲,	7	4122	154	Н	223,	equence 228,	m	339,	230,	235,	21, 7	11797	19095	Sequence 187134,	Sequence 2, Appli	Sequence 145014,	Н	Sequence 12, Appl	Н	Sequence 13, Appl	Н	1093	6593	e 19302	equence 1	22897
,	-602-202-01-	-240-4	-229-567	US-10-262-209-1	-10-240-4	738-6	-437-963-15423	US-10-437-963-15	-193-002-223	US-10-084-843-22	ns-	US-10-080-170-33	-193-002-23	us-	ns-	US-10-437-963-1179	ns-	US-10-437-963-18	US-09-905-691	US-10-437-963-145	US-10-437-963-	771-	9-770-834	0-717-138-1	US-10-437-963-153634	0-437-963-1	)-425-114-6	1-437-963-1	0-437-963-15938	-424-599-2
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130	2	130	218	234	234	276	1455	1609	92	92	105	105	160	160	213	258	289	454	19	87	110	139	139	139	140	153	434	1043	1276	81
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16	2	17	18					23				27	28	29	30	31	32	33	34	32	36	37	38	ტ ტ	40	41	42	43	44	45

## ALIGNMENTS

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APPLICANT: LA KOVALICA, Thomas J.
APPLICANT: LA KOVALICA, Thomas J.
APPLICANT: LA KOVALICA, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Buckharov, Andrey A.
APPLICANT: Brobaruk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 185672
LENGTH: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 88;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Clone ID: PAT_MRT4530_82545C.1.pep
US-10-437-963-185672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60.5%; Score 49; DB 16;
62.5%; Pred. No. 6.4;
tive 3; Mismatches 3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRI
ORGANISM: Oryza sativa
ORGANISM: Oryza sativa
ORGANISM: O.
ORGEN: O.
ORGEN: O.
ORGEN: O.
OCHER INFORMATION: unsure at all Xaa locations
PEATURE:
                                                       Sequence 185672, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
RESULT 1
US-10-437-963-185672
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2 RRAKAARRAKAARRAK 17 47 RRSRAGRRAGGARRAR 62 Query Match
Best Local Similarity 62.5
Matches 10; Conservative

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Gaps

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APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
APPLICANT: Forsyth, R.
APPLICANT: Forsyth, R.
APPLICANT: Forsyth, R.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITEA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2000-03-202-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-62
PRIOR FILING DATE: 2000-05-63
PRIOR FILING DATE: 2000-05-63
PRIOR FILING DATE: 2000-05-63
PRIOR PLING DATE: 2000-05-63
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/230,335
                                                                    APPLICANT: Wall, bannel
APPLICANT: Traick, John D.
APPLICANT: Traick, John D.
APPLICANT: Yamanoto, Robert T.
APPLICANT: Yamanoto, Robert T.
APPLICANT: Yamanoto, Robert T.
APPLICANT: Xu, H. Howard
TITLE OF INVENTION: Identification of Essential Genes in
TITLE OF INVENTION: Dentaryotes
TILLE OF INVENTION: DENTARYOTES
TILLE OF INVENTION: DOTO: 2019.
THE REFERENCE: ELITRA.011A
CURRENT FILING DATE: 2001-03-21
PRIOR PILING DATE: 2000-03-21
PRIOR PILICATION NUMBER: 60/205,848
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-24
PRIOR PILING DATE: 2000-05-24
PRIOR PILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/253,931
PRIOR APPLICATION NUMBER: 60/253,931
PRIOR APPLICATION NUMBER: 60/253,931
PRIOR SEQ ID NOS: 14110
SEQ ID NO SEC ID NOS: 14110
SEQ ID NO SEC ID NOS: 14110
SEQ ID NO SEC ID NOS: 14110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 840;
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Best Local Similarity 61.1%; Pred. No. 76;
Matches 11; Conservative 3; Mismatches 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 43614, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
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| 35 ARKAEEAARAKAAQEAAA 152
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Ohlsen, Kari L.
Zyskind, Judith W.
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Ohlsen, Kari
Zyskind, Judith
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Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                     Daniel
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US-10-282-122A-43614
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                                                  Sequence 70601, Application US/10425114

Sublication No. US20040034888A1

GENERAL INFORMATION

APPLICANT: Liu, Jingdong

APPLICANT: Zhou, Yihua

APPLICANT: Zhou, Yihua

APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: TILE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REPRENCE: 38-21 (53313) B

CURRENT APPLICATION NUMBER: US/10/425,114

CURRENT APPLICATION NUMBER: US/10/425,114

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

LENGTH: 200
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Best Local Similarity 66.7%; Pred. No. 19;
Matches 10; Conservative 3; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , OTHER INFORMATION: Clone ID: LIB3689-234-E7_FLI.pep
US-10-425-114-70601
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patent No. US20020110811A1

GENERAL INFORMATION:

APPLICANT: LEVINE, et al.

TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REPRENCE: 802620-2005.1

FURRENT FILING DATE: 2001-01-26

PRIOR APPLICATION NUMBER: US/09/771,161A

CURRENT FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-15

PRIOR FILING DATE: 2000-04-15

PRIOR FILING DATE: 2000-04-15

PRIOR FILING DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 273

SOFTWARE: Patentin version 3.0

SEQ ID NO 127

LENGTH: 243
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11 ARAAEAARAAEAAKAAEA 28
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ORGANISM: Homo sapiens
US-09-771-161A-127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Zea mays
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US-09-815-242-5198
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APPLICANT: Li, Ping,
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPRENCE: 38-21 (53221) B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
LENGTH: 106
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Best Local Similarity 73.3%; Pred. No. 19;
Matches 11; Conservative 2; Mismatches 2; Indels
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Best Local Similarity 58.8%; Pred. No. 15;
Matches 10; Conservative 3; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Clone ID: PAT_MRT4530_48593C.1.pep
US-10-437-963-148131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: ISHIKAWA, JUNA
APPLICANT: ISHIKAWA, JUNA
APPLICANT: SHIBA, TADANCSHI
APPLICANT: SHIBA, TADANCSHI
APPLICANT: SHIBA, TADANCSHI
APPLICANT: SAKAKI, YOSHIVUKI
APPLICANT: BATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REPERBNCE: 249-26
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT APPLICATION NUMBER: US/2001-204089
PRIOR PLING DATE: 2001-05-30
PRIOR PLING DATE: 2001-06-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 12462
LENGTH: 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-156-761-12462
Sequence 12462, Application US/10156761
Publication No. US20030119018A1
GENERAL INFORMATION:
APPLICANT: INEDA, HARUO
APPLICANT: IKEDA, HARUO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Streptomyces avermitilis
                                                                      Boukharov, Andrey A.
Barbazuk, Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             || || || || 30 RRIKAASRSSSSRRAAA 46
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Zhou, Yihua
Cao, Yongwei
Wu, Wei
                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Oryza sativa
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     PRIOR FILING DATE: 2000-09-06

PRIOR PAPLICATION NUMBER: 60/230,347

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR APPLICATION NUMBER: 60/253,625

PRIOR APPLICATION NUMBER: 60/253,625

PRIOR PILING DATE: 2000-11-27

PRIOR PILING DATE: 2000-11-27

PRIOR PILING DATE: 2000-12-29

PRIOR PILING DATE: 2000-12-29

PRIOR PILING DATE: 2000-12-29

PRIOR PILING DATE: 2001-20-29

PRIOR APPLICATION NUMBER: 60/267,636

PRIOR APPLICATION NUMBER: 60/267,636

PRIOR APPLICATION NUMBER: 60/269,308

PRIOR FILING DATE: 2001-02-06

PRIOR FILING DATE: 2001-02-16

NUMBER OF SEQ ID NOS: 78614

SOFTWARE PERCENTIN VERSION 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-1U-1Z/-U3Z-1U8
; Sequence 109, Application US/10127032
; Publication No. US20030113742A1
; GENERAL INFORMATION:
; APPLICANT: Witteley, Marvin
; APPLICANT: Witteley, Marvin
; APPLICANT: Witteley, Marvin
; APPLICANT: Bangera, M. Gita
; APPLICANT: Genebergy Everett Peter
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE MODULATION OF
; TITLE OF INVENTION: METHODS AND COMPOSITIONS
; TITLE OF INVENTION: MORER: US/10/127,032
; CURRENT FILING DATE: 2001-04-19
; PRIOR PELING DATE: 2001-04-20
; PRIOR PELING DATE: 2001-04-20
; PRIOR FILING DATE: 2001-10-24
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 108
; LENGTH AND
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 48; DB 12; Length 840;
Pred. No. 76;
3; Mismatches 4; Indels
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CRGANISM: Pseudomonas aeruginosa
US-10-127-032-108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   135 ARKAEEAARAKAAQEAAA 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 135 ARKAEEAARAKAAQEAAA 152
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Best Local Similarity 61.1%;
Matches 11; Conservative
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LENGTH: 840
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US-10-127-032-108
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US-10-156-761-12370 ; Sequence 12370, Application US/10156761 ; Publication No. US20030119018A1 ; GENERAL INFORMATION:

APPLICANT: OMURA, SATOSHI APPLICANT: IKEDA, HARUO APPLICANT: ISHIKAWA, JUN

Sequence 148131, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION: APPLICANT: La Rosa, Thomas J. APPLICANT: Kovalic, David K.

RESULT 7 US-10-437-963-148131

Matches

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CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 57956
LENGTH: 411
                                                                                                                                                                                                                                                             Query Match 58.0%; Score 47; Best Local Similarity 61.1%; Pred. No. Matches 11; Conservative 3; Mismatc
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Patent No. US20020132990A1
GENERAL INFORMATION:
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116 ARRALAPPQVRAARRAQA 133
                                                                                                                                                                                                                                                                                                                                                       1 ARRAKAARRAKA 18
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1 AKKAKSPKKAKAAKPKKA 18
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 9; Conserv
                                                                                                                        TYPE: PRT
ORGANISM: Zea mays
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-888-721-32
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US-09-888-721-2
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APPLICANT: Tabaska, Jack B
APPLICANT: Tabaska, Jack B
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53313)B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         58.0%; Score 47; DB 10; Length 346; 64.3%; Pred. No. 45; 1; Indels tive 4; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 23. Application US/09846589A
Publication No. US20030166241A1
GENERAL INFORMATION:
APPLICANT: Famodu, Layo O.
APPLICANT: Pamodu, Layo O.
APPLICANT: Orozco, Buddy
TITLE OF INTERNET RELIEVI, Antoni
TITLE OF INTERNET B1191
CURRENT APPLICATION NUMBER: US/09/646,589A
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 60/092,866
PRIOR FILING DATE: July 15, 1998
NUMBER OF SEQ ID NOS: 29
SOFTWARE: Microsoft Office 97
APPLICANT: HORIXAWA, HIROSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: SAKAKI, YOSHIYUKI
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REPERENCE: 299-262
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: UP 2001-204089
PRIOR FILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-06-02
PRIOR FILING DATE: 2001-06-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 12370
LENGTH: 272
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Publication No. US200400348881
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Kovelic, David K.
APPLICANT: Tabaska, Jack E.
                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Streptomyces avermitilis US-10-156-761-12370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEO ID NO 23
LENGTH: 346
TYPE: PRT
ORGANISM: Drosophila melanogaster
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12 KGAKKAKAAKKAKA 25
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Best Local Similarity 64.3
Matches 9; Conservative
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Sequence 32, Application US/0988721
; Sequence 32, Application US/0988721
; Fatent No. US20020132990A1
; GENERAL INFORMATION:
; APPLICANT: Huston, James S.
; APPLICANT: Laurent, Olivier
; APPLICANT: Laurent, Olivier
; APPLICANT: Scherman, Daniel
; TITLE OF INVENTION: BLOOMGINEERED VEHICLES FOR TARGETED NUCLEIC ACID
; TITLE OF INVENTION: DELIVERY
; FILE REFERENCE: 23611-A USA
; CURRENT APPLICANT: CONTROL 2001-06-25
; PRIOR APPLICATION NUMBER: 06/213,653
; PRIOR FILING DATE: 2000-06-23
                                                                                                                                                                       Gaps
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APPLICANT: Huston, James S.
APPLICANT: Wils, Pierre
APPLICANT: Also, Chan
APPLICANT: Laurent, Olivier
APPLICANT: Laurent, Olivier
APPLICANT: Scherman, Daniel
TITLE OF INVENTION: BIOENGINEERED VEHICLES FOR TARGETED NUCLEIC ACID
TITLE OF INVENTION: BIOENGINEERED VEHICLES FOR TARGETED NUCLEIC ACID
TITLE OF INVENTION: BIOENGINEERED VEHICLES FOR TARGETED NUCLEIC ACID
TITLE OF INVENTION: BIOENGINEERED VEHICLES FOR TARGETED NUCLEIC ACID
TITLE OF INVENTION: BIOENGINEERED VEHICLES FOR TARGETED NUCLEIC ACID
FILE REFERENCE: 23611-A USA
CURRENT FILING DATE: 2001-06-25
PRIOR FILING DATE: 2000-06-23
PRIOR FILING DATE: 2000-06-23
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) OTHER INFORMATION: Clone ID: UC-ZMFLMO17297F06_FLI.pep US-10-425-114-57956
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Search completed: August 17, 2004, 17:19:24 Job time : 29.3812 secs
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Sequence No. US20040110928A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea
APPLICANT: Crisanti, Andrea
TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REFERENCE: GLS-6402
CURRENT APPLICATION NUMBER: US/10/240,430
CURRENT APPLICATION NUMBER: US/10/240,430
CURRENT APPLICATION NUMBER: PCT/GE01/01697
PRIOR FILING DATE: 2001-04-12
PRIOR FILING DATE: 2001-04-12
PRIOR FILING DATE: 2000-04-12
PRIOR PLING DATE: 2000-04-12
PRIOR PLING DATE: 2000-04-12
SPRIOR PLING DATE: 2000-04-12
SOFTWARE: Patentin version 3.1
SEQ ID NO 8
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Sequence 7, Application US/10240430

Publication No. US20040110928A1

GENERAL INFORMATION:

APPLICANT Crisanti, Andrea

APPLICANT Esseghir, Selma

TITLE OF INVENTION: Peptide Conjugates for Drug Delivery

FILE REFERENCE: G20-6402

CURRENT APPLICATION NUMBER: US/10/240,430

CURRENT FILING DATE: 2003-04-15

PRIOR APPLICATION NUMBER: PCT/GB01/01697

PRIOR APPLICATION NUMBER: UK 0102667.3

PRIOR PLING DATE: 2001-04-12

PRIOR PLING DATE: 2001-04-12

PRIOR PLING DATE: 2000-04-12

PRIOR PLING DATE: 2000-04-12

SPRIOR FILING DATE: 2000-04-12

SPRIOR FILING DATE: 2000-04-12

PRIOR FILING DATE: 2000-04-12

SOFTWARE: PACENTIN VORS: 14

SEQ ID NOS: 14

SEQ ID NOS: 14

SEQ ID NO 76

TYPE: PRI
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Best Local Similarity 50.0%; Pred. No. 11;
Matches 9; Conservative 6; Mismatches 3; Indels
                                                                                                                                                                                              Score 46; DB 9; Length 26;
Pred. No. 5.2;
6; Mismatches 3; Indels
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| 2 AKKAKSPKKAKAKAKPKKA 29
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1 AKKAKSPKKAKAAKPKKA 18
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Best Local Similarity 50.0%;
Matches 9; Conservative 6
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 32
LENGTH: 26
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TYPE: PRT
CRGANISM: Homo sapiens
US-10-240-430-8
                                                                                                    ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-888-721-32
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56.8%; Score 46; DB 16; Length 66;
Best Local Similarity 50.0%; Pred. No. 13;
Matches 9; Conservative 6; Mismatches 3; Indels
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12 AKKAKSPKKAKAAKPKKA: 29
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                                                                                                                                             1 ARRAKAARRAKAARRAKA
; ORGANISM: Homo sapiens
US-10-240-430-7
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Sequence 27801, Sequence 32258, Sequence 24160, Sequence 24161, Sequence 24124, Sequence 2200, Sequence 2200, Sequence 22821, Sequence 27821, Sequence 27831, Sequence 25817, Sequence 25817,

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Thu Aug 19 07:16:05 2004
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US-09-252-991A-27801
US-09-252-991A-27801
US-09-252-991A-18035
US-09-252-991A-18035
US-09-252-991A-1875
US-09-252-991A-29124
US-09-252-991A-29124
US-09-252-991A-2649
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US-09-252-991A-27821
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US-09-252-991A-27821
US-09-252-991A-27821
US-09-252-991A-27821
US-09-252-991A-27821
                                                                                                                                                                                                                                                                                                                                Sequence 17, Application US/08436703B
Patent No. 5919761
GENERAL INFORMATION
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
ITILE OF INVENTION: HEPARIN AND LOW MOLECULAR
ITILE OF INVENTION: ARTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita B.
STREET: Gold Woodward Avenue
STREET: Suite 1525
CITY: Detroit
STREET: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: UNILEM COLL.

ZIP: 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6;
FILING DATE: WAY-1995
CLASSIFICATION NUMBER: US/08/436,703B
FILING DATE: N/A
APPLICATION NUMBER: N/A
FILING DATE: N/A
ATTCRNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 213-965-1976
TELEPAX: 313-965-1976
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: mino acids
TYPE: mino acids
TYPE: Amino acids
TYPE: Amino acids
TYPE: Amino acids
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US-09-252-991A-25836
US-09-252-991A-28869
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino aci
STRANDEDNESS: N
TOPOLOGY: N/A
US-08-436-703B-17
Sequence 25541.
Sequence 2958, A
Sequence 24650, A
Sequence 24700, A
Sequence 24702, A
Sequence 23276, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 32484, A Sequence 3.190, A Sequence 7, Appli Sequence 7, Appli Sequence 10.4918, A Sequence 11, Appli Sequence 27, Appl Sequence 17, Appl Sequence 1731, A Sequence 1731, A Sequence 17834, A
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25474, A
20849, A
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Sequence 5, Appli
                                                                                         August 17, 2004, 15:50:03; Search time 11.9406 Seconds (without alignments) 103.766 Million cell updates/sec
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Sequence
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              GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd
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US-09-252-991A-2958

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US-09-252-991A-24702

US-09-252-991A-24702

US-09-252-991A-32484

US-09-252-991A-32484

US-09-252-991A-32190

US-09-252-991A-32190

US-09-252-991A-32108

US-09-252-991A-32108

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US-09-252-991A-30436

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S-09-252-991A-31916
S-09-252-991A-25474
S-09-252-991A-20849
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-09-252-991A-17230
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-08-281-702A-8
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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seq length: 200000000
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Match Length DB
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Perfect score:
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Sequence 29958, Application US/09252991A
Patent No. 6551795
GENERAL INVERNATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR PILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 29958
LENTH: 308
                                                                                                                                                                                                                                            APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AFRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AFRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AFRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT FILING DATE: 107196.136

CURRENT FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 25541

LENGTH: 163

TYPE: PRT

CREANISM: PSeudomonas aeruginosa
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Best Local Similarity 62.1%; Pred. No. 0.062;
Matches 18; Conservative 1; Mismatches
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                                                   5 AARRARRARRARRARRARRA 30
                                                                                                                                                                      Sequence 25541, Application US/09252991A Patent No. 6551795 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-252-991A-24636
; Sequence 24636, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        231 RRQAPRAGRREASRSARLSRRA 253
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14; Conservative
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Best Local Similarity
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Best Local Similarity 73.1%; Pred. No. 0.0068;
Matches 19; Conservative 0; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Makefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESSPONDENCE ADDRESS:
ADDRESSEE: Benita J. Rohm, Esq.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7WK-060548-00233
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COMPUTER READABLE FORM:

COMPUTER: ISH PC compatible

COMPUTER: ISH PC compatible

COMPUTER: WordPerfect 6;

SOFTWARE: WordPerfect 6;

SOFTWARE: WordPerfect 6;

SOFTWARE: ASCII (DOS)Text

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/436,703B

FILING DATE: 08-MAY-1995

CLASSIFICATION DATA:

APPLICATION NUMBER: WA

PILING DATE: NA

ATTONEV/AGENT INFORMATION:

NAME: Rohm, Benita J.

REGISTRATION NUMBER: 28,664

REGISTRATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 313-965-1976
                                                                                                                                                                                                                                 1 ARRRAARAAR - - RRAARAARRAARA 24
                                                                                                                                                                                                                                                                               s Aarraarraarraarraarraarra 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Benita J, Rohm, Esq.
6601 Woodward Avenue
Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 5, Application US/08436703B Patent No. 5919761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 39 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
; PUBLICATION INFORMATION:
; AUTHORS: N/A
; TITLE: N/A
US-08-436-7038-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORLGANISM: N/A
ORGANISM: N/A
PUBLICATION INFORMATION:
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TITLE: N/A
US-08-436-703B-5
                                                                                                                                                                                                                                                                                                                                                             RESULT 2
US-08-436-703B-5
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us-09-496-391-55.rai

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Sequence 23276, Application US/09252991A
Sequence 23276, Application US/09252991A
Sequence 23276, Application US/09252991A
Settent No. 6551795
GENERAL INFORMATION:
TITLE OF INVENTION: WICLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: MUCLEIC ACID AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-02-18
PRIOR PELING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NOS: 33142
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICAMT: MARC J. Rubenfield et al.

APPLICAMT: MARC J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERGIGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERGIGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-2

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 24776

LENGTH: 714
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                                                                                                                                                  Length 435;
                                                                                                                                                                                                          7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 4;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 57.4%; Score 62; DB 4;
Best Local Similarity 60.9%; Pred. No. 0.23;
Matches 14; Conservative 2; Mismatches
                                                                                                                                            Score 63; DB 4;
Pred. No. 0.49;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 24776, Application US/09252991A Patent No. 6551795
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                                                                                                                                                                                                                                                             2 RERAARRAARRAARRAAR 23
                                                                                                                                                                                                                                                                                                                      44 RERAARLPARRAARRAARRRR 65
     ; LENGTH: 435
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24702
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                                                                                                                                                  58.3%;
68.2%;
                                                                                                                                            Query Match
Best Local Similarity 68.2%
Matches 15; Conservative
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-252-991A-24776
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US-09-252-991A-24776
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOWONAS TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REPREMENTE: 107196.136

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 23880, Application US/09252991A
Sequence 23880, Application US/09252991A
Sequence 23880, Application US/09252991A
Sequence 23880, Application US/09252991A
Sequence 2010 NUMBER 100 NUMBER: US/09/252,991A
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 23880
LENGTH: 133
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 107196.118.

CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-07-27
STORE FILING DATE: 1998-07-27
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Pred. No. 0.16;
2; Mismatches 3; Indels
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Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      106 AARRAARRAGRRAARRIRRGRAA 129
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                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-23880
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Best Local Similarity 53.1%;
Matches 17; Conservative
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US-09-252-991A-23880
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Gaps
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US-09-166-930A-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 21;
                                    COUNTRY: DONE, SWECKER & MATHIS STREET: P.O. Box 1404

STREET: P.O. Box 1404

STREET: P.O. Box 1404

STREET: P.O. Box 1404

COUNTRY: United States

ZIP: Z2313-1404

COMPUTER EADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIN Release #1.0, Version #1.30

SOFTWARE: PatentIN Release #1.0, Version #1.30

CURSAITION NUMBER: US/08/660,592

FILING DATE: 11-JUN-1996

CLASSIFICATION NUMBER: 39,300

REFERENCE/DOCKET NUMBER: 006338-001

TELEPHONE: (703) 836-620

TELEPHONE: (703) 836-6201

TELEPHONE: (703) 836-6201

TELEPHONE: CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INCORNATION:
APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION NOVEL HEPARIN BINDING PEPTIDES
FILE REFERENCE: 006338-006
CURRENT APPLICATION NUMBER: US/09/166,930A
CURRENT FILING DATE: 1998-10-06
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PATENTIN VET: 2.0
SEQ ID NO 7
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 54.6%; Score 59; DB 2; Best Local Similarity 82.4%; Pred. No. 0.088; Matches 14; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-166-930A-7; Sequence 7, Application US/09166930A; Patent No. 6200955
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 21 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: peptide
                         CORRESPONDENCE ADDRESS:
UMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
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TOPOLOGY: lin
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                                                                                                Sequence 32484, Application US/09252991A

Sequence 32484, Application US/09252991A

Parent No. 6551795

GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUMBER: US/09/252,991A

CURRENT FILING DATE: 1998-02-18

PRIOR PELICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR PELING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 32484

LENGTH: 262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 11
US-09-252-91A-32190
US-09-252-91A-32190

Sequence 32190, Application US/0925291A

Patent No. 6551795
GENERAL INFORMATION:
FALTILE OF INVERMINON: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVERMION: AERGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVERMION: AERGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT FILING DATE: 1999-02-18
CURRENT APPLICATION NUMBER: US/09/252,991A

PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 9, Application US/08660592
Patent No. 5877153
GENERAL INFORMATION:
APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ouery Match
Best Local Similarity 57.1%; Pred. No. 0.61;
Matches 16; Conservative 2; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     102 RRAARASQRAAGGGAAAGARGARRACAR 129
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  58 RRAARRSPLRARAARATRRARR 80
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US-09-252-991A-32190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT CRCANISM: Pseudomonas aeruginosa US-09-252-991A-32484
                                                                                  RESULT 10
US-09-252-991A-32484
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 32190
LENGTH: 231
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US-08-660-592-9
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us-09-496-391-55.rai
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RESULT 14

US-09-252-91A-33108

J Sequence 33108, Application US/0925291A

Facent No. 6521795

GENERAL INFORMATION:

APPLICATION:

APPLICATION:

TITLE OF INVENTION:

TITLE OF IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 20436, Application US/09252991A
; Sequence 20436, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: MATC J. Rubenfield et al.
; APPLICANT: MATC J. Rubenfield et al.
; APPLICANT: MATC J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS;
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REPRENDE: 107196.13 6
; CURRENT APPLICATION NUMBER: US 60/074,788
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-02-18
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; REQ ID NO 20436
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Best Local Similarity 69.2%; Pred. No. 1.6;
Matches 18; Conservative 1; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 54.6%; Score 59; DB 4; Length 464; Best Local Similarity 62.5%; Pred. No. 1.6; Matches 15; Conservative 0; Mismatches 9; Indels
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ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-20436
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT (CRCANISM: Pseudomonas aeruginosa US-09-252-991A-33108)
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US-09-252-991A-20436
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Search completed: August 17, 2004, 16:14:42 Job time: 12.9406 secs

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1: /cgn2_6/prodata/1/pubpaa/US07_PUBCCMB.pep:*

2: /cgn2_6/prodata/1/pubpaa/PCT_MBW PUB.pep:*

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18: /cgn2_6/prodata/1/pubpaa/US10NEW_PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                     1 ARRRAARAARRAARAARA 24
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Maximum Match 100%
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Maximum DB seq length: 200000000
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108
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

ď	152005,	193381,	33, Appl	269191,	194621,	102676,	126398,	185856,	242653,	148098,	47317, A	56515, A	69952, A	37076, A	174159,
Description	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
ΔI	US-10-437-963-152005	US-10-437-963-193381	US-10-226-007-33	US-10-424-599-269191	US-10-437-963-194621	US-10-437-963-102676	US-10-437-963-126398	US-10-437-963-185856	US-10-424-599-242653	US-10-437-963-148098	US-10-425-114-47317	US-10-425-114-56515	US-10-425-114-69952	US-10-425-114-37076	US-10-437-963-174159
DB	16	16	14	12	16	16	16	16	12	16	12	12	12	12	16
% Query Match Length DB	827	926	206	84	1469	143	159	423	850	210	258	276	281	636	171
% Query Match	61.1	59.3	58.3	57.4	57.4	56.5	56.5	56.5	56.5	55.6	55.6	55.6	55.6	55.6	55.1
Score	99	64	63	62	62	61	61	19	61	60	9	9	9	9	59.5
Result No.		7	m	4	Ŋ	9	7	<b>c</b> o	σ	10	11	12	13	14	15

Sequence 131770,	452	ce 1511	e 18491	equence 24	equence 6, Appl	ce 14	18	15	Seguence 125678,	5 17	e 14	71	17	e 16	e 50517,	equence 50002	1318	15307	equence 1477	equence 19610	70,	14021	17104	equence 1496	18802	equence 1187	3565	ce 59, App	e 7720
-10-437-96	-10-425-114-5445	63-15116	7-963-18	-10-408-765A-244	-10-084-846A-	-437-963-142	-10-437-963-18	-10-437-963-157	-437-963-12567	-10-437-963-1756	-10-437-963-14782	5-114-710	-10-437-963-1702	-10-437-963-16896	-10-282-122A-	10-282-122A-500	-10-437-963-13	-10-437-963-1530	-10-437-963-1477	-10-437-963-19610	10-192-832-7	-963-14021	-437-96	7-963-14969	-437-963-188	-10-437-963-11872	-104-047-356	-10-153-668-5	US-10-156-761-7720
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## ALIGNMENTS

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Sequence 122005, Application US/10437963
; Sequence 122005, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Cao, Yongwei
; APPLICANT: APPLICANT: Shou, Yihua
; APPLICANT: Wu, Wei
; APPLICANT: Wu, Wei
; APPLICANT: Wu, Wei
; APPLICANT: Barbaruk, Brad
; APPLICANT: Buckharov, Andrey A.
; APPLICANT: Buckharov, Andrey A.
; APPLICANT: Buckharov, Andrey A.
; APPLICANT: Buckharov, Plants and Uses Thereof for Plant Improvement
; ITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: US/10/437,963
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 152005
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; FEATURE:
; CTHER INFORMATION: Clone ID: PAT_MRT4530_52099C.1.pep
US-10-437-963-152005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 ARRRAARAARRAARRRAA 22
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ORGANISM: Oryza sativa
US-10-437-963-152005
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RESULT 2 US-10-437-963-193381

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Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: Asoa Thomas J
APPLICANT: About Winua
APPLICANT: About Winua
APPLICANT: Cao Yongwai
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SIGN 100 NOS: 285684
SEQ ID NO 269191
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1 Similarity 62.5%; Pred. No. 1.7;
15; Conservative 2; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: (1)..(84)
OTHER INFORMATION: unsure at all Xaa locations
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57.4%; Score 62; DB
Best Local Similarity 65.2%; Pred. No. 20;
Matches 15; Conservative 0; Mismatches
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Glycine max
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Matches 15; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
NAME/KEY: unsure
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                                                                APPLICANT: La Rosa, Thomas J.
APPLICANT: Exous, Thomas J.
APPLICANT: Exous, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(3221) B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 193381
LENGTH: 926
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APPLICANT: Myliau Section
APPLICANT: Abolan, Scott
APPLICANT: Abolan, Adrian
APPLICANT: Hobden, Adrian
TITLE OF INVENTION: Compositions and Therapeutic Methods for Viral Infection
FILE REPERBNCE: 5005.01
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: US 60/313,883
PRIOR PILING DATE: 2001-08-21
NUMBER OF SEQ ID NOS: 1673
SOFTWARE: Patentin version 3.1
SEQ ID NO 33
LENGTH: 206
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Clone ID: PAT_MRT4530_89525C.1.pep
US-10-437-963-193381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LUCCATION: (1)..(926)
OTHER INFORMATION: unsure at all Xaa locations
FEATURE:
        Sequence 193381, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
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; Publication No. US20030105277A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARRRAARAARRAARAARRA 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-226-007-33
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Sequence 194621, Application US/10437963
; Sequence 194621, Application US/10437963
; Publication No. US2004012334341
; GENERAL INFORMATION:
    APPLICANT: La Rosa, Thomas J.
    APPLICANT: APPLICANT: About Yihua
    APPLICANT: Application No. Yihua
    APPLICANT: Boukharov, Andrey A.
    APPLICANT: Barbazuk, Brad
    APPLICANT: Ali, Ping
    TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
    FILE REFERENCE: 38-21(55221)B
    CURRENT APPLICATION NUMBER: US/10/437,963
    CURRENT FILING DATE: 2003-05-14
    NUMBER OF SEQ ID NOS: 204966
    SEQ ID NOI 194621
    LENGTH: 1469
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Pred. No. 20;
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US-10-437-963-194621
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Sequence 188856, Application US/10437963
; Sequence 188856, Application US/200401233431
; Publication No. US200401233431
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Shou, Yihua
; APPLICANT: Shou, Yihua
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT FILING DATE: 2003-05-14
; SEQ ID NO. 185856
; SEQ ID NO. 185856
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APPLICANT: LE Rosa Thomas J
APPLICANT: Availc David K
APPLICANT: And Yinua
APPLICANT: And Yinua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223) B
CURRENT APPLICANTON NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
ENGINE SEQ ID NOS: 285684
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56.5%; Score 61; DB 12; Length 850;
Best Local Similarity 62.5%; Pred. No. 16;
Matches 15; Conservative 1; Mismatches 8; Indels
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US-10-424-599-242653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Clone ID: PAT_MRT4530_82710C.1.pep
US-10-437-963-185856
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ORGANISM: Glycine max
FEATURE:
NAME/EXY: unsure
LOCATION: (1)..(850)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: unsure
LOCATION: (1)..(423)
OTHER INFORMATION: unsure at all Xaa locations
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Sequence 242653, Application US/10424599

Publication No. US20040031072A1

; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Oryza sativa
FEATURE:
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; Sequence 126399, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
    APPLICANT: La Rosa, Thomas J.
    APPLICANT: Cao, Yihua
    APPLICANT: Cao, Yongwei
    APPLICANT: Cao, Yongwei
    APPLICANT: Wu, Wei
    APPLICANT: Wu, Wei
    APPLICANT: Li, Ping
    TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
    TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
    TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
    TITLE OF SERENCE: 38-21(33221)B
    CURRENT APPLICATION NUMBER: US/10/437,963
    CURRENT PILING DATE: 2003-05-14
    NUMBER OF SEQ ID NOS: 204966
    SEQ ID NO 126398
    LENGTH: 159
GENERAL INFORMATION:
APPLICANT: La Rovalic, David K.
APPLICANT: Acou, Yihua
APPLICANT: Acou, Yihua
APPLICANT: Acou, Yihua
APPLICANT: Mu, Wei
APPLICANT: Mu, Wei
APPLICANT: Buckharov, Andrey A.
APPLICANT: Buckharov, Andrey A.
APPLICANT: Buckharov, Andrey A.
APPLICANT: Buckharov, Andrey A.
APPLICANT: Brabauk, Brad
APPLICANT: Branch Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPRESENCE: 38-21(5221) B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
EDRICH: 143
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ) OTHER INFORMATION: Clone ID: PAT_MRT4530_100176C.1.pep
US-10-437-963-102676
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US-10-437-963-126398
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NAME/KEY: unsure
LOCATION: (1)..(143)
LOCATION: (1)..(143)
FEATURE:
FEATURE:
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ORGANISM: Oryza sativa
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Thu Aug 19 07:16:05 2004

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US-10-425-114-69952

US-10-425-114-69952

Sequence 69952, Application US/10425114

Publication No. US200400348881

GENERAL INFORMATION:

APPLICANT: Liu, Jingdong

APPLICANT: Acoulic, David K.

APPLICANT: Screen, Steven E

APPLICANT: Tabaska Jack E

APPLICANT: Tabaska Jack E

APPLICANT: Applicant Application Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Nucleic Acid Molecules and Uses Thereof for Plant Improvement

FILE REPERENCE: 38-21(53313)B

CURRENT APPLICATION NUMBER: US/10/425,114

CURRENT PILING DATE: 2003-04-28

SEQ ID NO 69952

LENGTH: 281
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Cao, Yongwei TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53313) B CURRENT APPLICATION NUMBER: US/10/425,114 CURRENT FILING DATE: 2003-04-28 NUMBER OF SEQ ID NOS: 73128 SEQ ID NOS: 73128 LENGTH: 276
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Pred. No. 7.9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 12; Length 281;
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, OTHER INFORMATION: Clone ID: UC-ZMROTEOSINTE070B10_FLI.pep
US-10-425-114-69952
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , OTHER INFORMATION: Clone ID: UC-ZMFLB73257G03_FLI.pep
US-10-425-114-56515
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
                                                                                                                                     Sequence 56515, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
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117 RRESRRISRRAASSARTRITR 138
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Best Local Similarity 62.5%;
Matches 15; Conservative 1
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Best Local Similarity 62.5%;
Matches 15; Conservative 1
                                                                                                                                                                                                                                                    Zhou, Yihua
Kovalic, David K.
Screen, Steven E
Tabaska, Jack E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Zea mays
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US-10-425-114-37076
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                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
LENGTH: 210
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GENERAL INFORMATION:

APPLICANT: Zhou, Yihua

APPLICANT: Screen, Sceven E

APPLICANT: Screen, Sceven E

APPLICANT: Tabaska, Jack E

APPLICANT: Tabaska, Jack E

APPLICANT: Papaska, Jack E

APPLICANT: Papaska, Jack E

APPLICANT: Papaska, Jack E

APPLICANT: Papaska, Jack E

APPLICANT: Screen, Sceven E

APPLICANT: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REPERENCE: 38-21 (5313) B

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

SEQ ID NO 47317

LENGTH: 258
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LOCATION: (1)..(210)
OTHER INFORMATION: unsure at all Xaa locations
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US-10-425-114-47317
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                                                                                                        Sequence 148098, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
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; Sequence 47317, Application US/10425114
; Publication No. US2004003488881
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ORGANISM: Oryza sativa
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Matches 13; Conserva
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ORGANISM: Zea mays
FEATURE:
                                                     RESULT 10
US-10-437-963-148098
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Job time : 38.8416 secs
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Sequence 174159, Application US/10437963

Publication No. US2004012334341

GENERAL INFORMATION:

APPLICANT: La Rosa Thomas J.

APPLICANT: Zhou, Yihua

APPLICANT: Boukharvo, Andrey A.

APPLICANT: Barbaruk, Brad

APPLICANT: Brabaruk, Brad

APPLICANT: Brabaruk, Brad

APPLICANT: Brown Norman Normal 
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NAME/KEY: unsure

LOCATION: (1).. (171)

OTHER INFORMATION: unsure at all Kaa locations

FEATURE:

COHER INFORMATION: Clone ID: PAT_MRT4530_72127C.1.pep

US-10-437-963-174159
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Clone ID: 700073158_FLI.pep
US-10-425-114-37076
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Sequence 37076, Application US/10425114 Publication No. US20040034888A1 GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
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ORGANISM: Oryza sativa
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ORGANISM: Zea mays
FEATURE:
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US-10-437-963-174159
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Search completed: August 17, 2004, 17:19:25

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APPLICANT: Braun, Jonathan
APPLICANT: Chavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Diagnosis, Prevention and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
SIRE: California
COUNTRY: USA
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29581
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COMPUTER READABLE FORM:
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/cgn2_6/ptodata/2/jaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/jaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/jaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/jaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/jaa/PCTUS_COMB.pep:*
                          GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-08-152-488-11

US-08-303-025-10

US-08-303-025-10

US-08-677-304-10

US-08-677-304-10

US-08-677-304-11

US-08-436-703B-15

US-08-436-703B-15

US-08-436-703B-15

US-08-436-703B-15

US-08-436-703B-15

US-08-677-304-13

US-08-677-304-13

US-08-436-703B-1

US-08-436-703B-1

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US-08-303-025-12

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US-09-405-743A-1
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1 AKAAKKRAAKRAAKKRA 24
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                      - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                     BLOSUM62
Gapop 10.0 , Gapext 0.5
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seq length: 200000000
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Match Length
                                                                                                                                                                                                                                                                                                          Title:
Perfect score:
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Maximum DB
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                                                                                                                                                                                                                                                                                                                                                                  Sequence:
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US-09-041-889-40
US-09-041-889-40
US-09-041-889-40
US-09-041-264-40
US-09-405-743A-5
US-09-405-743A-5
US-08-152-488-12
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US-08-152-488-13
US-08-152-488-13
US-08-152-488-13
US-08-152-14
US-08-152-1730A-29
US-08-457-798-29
US-08-457-798-29
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Sequence 29581, Application US/09252991A
Sequence 29581, Application US/09252991A
Patent No. 6551795
GENERAL INCORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS;
TITLE OF INVENTION: AERGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 29581
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Gaps

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Length 214;
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Pred. No. 0.043;
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                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 4
US-08-152-488-10
Sequence 10, Application US/08152488
Sequence 10, Application US/08152488
Patent No. 5534619
GENERAL INFORMATION:
APPLICANT: Markefield, Thomas W. APPLICANT: Markefield, Thomas W. APPLICANT: Stanley, James C. TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DGS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INPORMATION:
NAME: ROAM, BEHILE J.
NAME: ROAM, SEMILE J.
                                                                                                                                                                                      Query Match 61.1%; Score 66; DB Best Local Similarity 66.7%; Pred. No. 0.16 Matches 16; Conservative 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                     108 ASAAKKVAKKAPAKKATKAAKKAA 131
                                                                                                                                                                                                                                                                                               1 AKAAKKRAAKAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Benita J. Rohm, Esq. STREET: S12 Springfield Avenue CITY: Cranford New Jersey COUNTRY: United States of America ZIP: 07016-1811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AUTHORS: N/A
TITLE: N/A
PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-152-488-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:
                               : 214 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE TO POLICE ORIGINAL SOURCE: ORGANISM: N/A PUBLICATION INFORMATION: N/A AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          29 amino acids
     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          908-276-5543
                                                                                                      , MOLECULE TYPE: peptide US-09-417-264-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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                                                        TYPE: ami:
TOPOLOGY:
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Patent No. 6537768
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURBENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 61.1%; Score 66; DB 3;
Best Local Similarity 66.7%; Pred. No. 0.16;
Matches 16; Conservative 1; Mismatches
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CLASSIFICATION:
PRIOR APPLICATION NUMBER: US 09/041,889
FILING DATE:
APPLICATION NUMBER: US 09/041,889
FILING DATE:
ATTORNEY.AGENT INFORMATION:
NAME: CAMDDell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION SEQ 1D NO: 27:
                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION UNDER: US 08/837,058
FILING DATE: 11-APP-1997
ATTORNEY/AGENT INPORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 9-PM 3006
TELECPHONE: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 214 anning acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-09-041-889-27
                                                                                                                                                                                                 CLASSIFICATION:
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US-09-417-264-27
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S9.3%; Score 64; DB 1; Length 29;
Best Local Similarity 65.4%; Pred. No. 0.043;
Matches 17; Conservative 2; Mismatches 5; Indels
Sequence 10, Application US/08303025
Patent No. 5614494
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
ITILE OF INVENTION: LOW MOUVEL FPETIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOUVEL FPETIDES FOR HEPARIN ANTITCAEGULATION REVERSAL
ITILE OF INVENTION: LOW MOUVEL FPETIDES FOR HEPARIN ANTITCAEGULATION REVERSAL
NUMBER OF SEQUENCES:
ADDRESSEE: Benita J. Rohm, Esq.
STREET: Liowwest Jefferson, Suite 2500
CITY: Delroit
STATE: Michigan
COUNTRY: United States of America
ZIP: 48226-4415
COMPUTER: IBM PC compatible
COMPUTER: OB SEPT-1994
CURSENT APPLICATION DATA:
PRING SYSTEM: WS.089/303,025
FILING DATE: 14-NOV-1993
ATTORNEY AGENT INFORMATION:
APPLICATION NUMBER: DCT/US92/06829
FILING DATE: 11-NOV-1993
ATTORNEY AGENT INFORMATION:
NAME: Rohm, Benita J.
REFERENCE/DOCKET NUMBER: 7WH-060548-00231
TELEPHONE: 313-496-9654
INFORMATION FOR SEQ ID NO: 10:
SEGUENCE CHARACTER:STICG:
LEMBERY: CHARACTER:STICG:
LE
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; Patent No. 5614494
; GENERAL INFORMATION:
; APPLICANT: Wakefield, Thomas W.
APPLICANT: Atheres, Philip C.
; APPLICANT: Stanley, James C.
; TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN; TITLE OF INVENTION: ANTICOAGULATION REVERSAL
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US-08-303-025-10
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ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      peptide
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STRANDEDNESS: N/
TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
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                                                                                                                                                                                                                                                                            Sequence 11, Application US/08152488

Patent No. 5334619

GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN TITLE OF INVENTION: NOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: NOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: NOW ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
STREET: 512 Springfield Avenue
COUNTRY: United States of America
STREET: 512 Springfield Avenue
CONTRY: United States of America
STREET: 15 Springfield Avenue
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC Compatible
OPERATING SYSTEM: NOTOB-181

COMPUTER: STATEN SYSTEM: NOTOB-181

APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 11-NOV-1993
ATTORNEY AGENT INFORMATION:
RECEISTRATION DATE: 14-40G-1993
ATTORNEY AGENT INFORMATION:
RESPERONCE/OCKET NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
TREEPENDAL OF STATES TO STATES TO STATES THE TEREPENDE APPLICATION NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
TREEPENDAL STATES TO STATES THE TEREPENDE APPLICATION NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
TREEPENDAL STATES TO STATES THE TEREPENDE APPLICATION NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
TREEPENDAL STATES TO STATES THE TEREPENDE APPLICATION NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
TREEPENDAL STATES TO STATES THE TEREPENDE APPLICATION OF STATES THE TEREP
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                                 Indels
                                 'n.
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                                 2; Mismatches
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                                                                                                                                                                     2 AKKAAKKAAKKAAKKAAKKAA 27
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DOCUMENT NUMBER: PCT/US92/08069
IS-08-152-488-11
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TELEPAN: 908-276-5543
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: PEPT: PEPT: ORIGINAL SOURCE:
                                 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 17; Conserva
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US-08-303-025-10
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                                 Matches
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Gaps

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59.3%; Score 64; DB 1; Length 29; 65.4%; Pred. No. 0.043;
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Patent No. 5721212
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J. Rohm, Esq.
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS v.6.22
SOFTWARE: MordPerfect 6.1; ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFTCATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTOMEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 7WH-060548-00231
TELEPHONE: 313-496-7622
ITELEPHONE: 313-496-7622
INFORMATION FOR SEQ 1D NO: 13:
SEQUENCE CHARRIETICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Bentra J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
STATE: New Jersey
COUNTRY: United States of America
ZIP: 07016-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFRARRE: MOACHPERFECT 6; ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 AKAAKKRAAKAAK -- KRAAKAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 AKKAAKKAKKAKKAKKAKKAA 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DOCUMENT NUMBER: PCT/US92/08069;
FILING DATE: 14-AUG-1993
US-08-303-025-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 65.4%
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: N/I
TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 9
US-08-677-304-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 13, Application US/08303025;
Patent No. 5614494
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TILLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL, NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J. Rohm, Esq.
                                                                                                      CITY: Detroit

STATE: Michigan

COUNTRY: United States of America

ZIP: 48226-4415

COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy diskette 3.5" 1.44Mb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: MS-DOS v.6.22

SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025

FILING DATE: 08-SEPT-1994

CLASSIFICATION S14

PRIOR APPLICATION BATA:
APPLICATION NUMBER: CT/US92/06829

FILING DATE: 14-AUG-1992

APPLICATION NUMBER: US 08/152,488

FILING DATE: 12-NOV-1993

ATTORNEY AGENT INFORMATION:
NAME: Rohm, Benite J.

REFERENCE/DOCKET NUMBER: 7WH-060548-00231

TELEPHONE: 313-496-7622

TELEPHONE: 313-496-7622
               NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
STREET: 150 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Benita J, Rohm, Esq.
150 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 AKAAKKRAAKAAK--KRAAKAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 AKKAAKKAKKAKKAKKAKKAK 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ) DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: N/A PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 8
US-08-303-025-13
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Gaps

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Gaps
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APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: HERPARIN AND LOW MOLECULAR
TITLE OF INVENTION: HERPARIN AND LOW MOLECULAR
TITLE OF INVENTION: METGHT HERPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY, ANDERS.
NAME: ROWN, Benita J.
REGISTRATION NUMBER: 28,664
REPERENCE/DOCKET NUMBER: 7WK-060548-00233
TELECOMMUNICATION INFORMATION:
TRIRPHONE: 313-965-1976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CARESTONIANCE ALTERACY.

STREET: 6601 Woodward Avenue
STREET: 511c 1525
CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
ZIP: 4826
COMPUTER READABLE FORM
MEDIUM TYPE: Flopy disk 1.44Mb, 3.5"
COMPUTER: More ASTEM: MS-DOS
SOFTWARE: Worlderfect 6;
SOFTWARE: Worlderfect 6;
SOFTWARE: MS-DOS)
FILING DATE: 08-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
ATTORNEY, AGENT UNFORMATION:
MANAPLE COMPANIES N/A
ATTORNEY, ASTORNEY, AST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 AKAAKKRAAKAAK - - KRAAKAAKKRA 24
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                                                                                                      TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: No. 5721212 Releva
TOPOLOGY: No. 5721212 Releva
TOPOLOGY: No. 5721212 Releva
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069;
FILING DATE: 14-AUG-1993
US-08-677-304-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/08436703B Patent No. 5919761 GENERAL INFORMATION:
                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          g
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Sequence 11, Application US/08677304
Fatent No. 5721212
GENERAL INFORMATION:
APPLICANT: Wakefield Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
ITILE OF INVENTION: NOWEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN NUMBER OF SEQUENCES: 13
CORRESPONDINGE ADDRESS: ADDRESSE: Benita J. Rohm, Esq. STREE: S12 Springfield Avenue CITY: Cranford STRIE: New Jersey
COUNTRY: United States of America STRIE: New Jersey
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: MOREDABLE FORM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION DATE:
CURRENT APPLICATION DATE:
APPLICATION DATE:
APPLICATION DATE:
CURRENT APPLICATION DATE:
APPL
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Best Local Similarity 65.4%; Pred. No. 0.043;
Matches 17; Conservative 2; Mismatches
                       FILING DATE: 12-NOV-1993
APPLICATION NUMBER: 12-NOV-1993
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7MG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO: 5EQUENCE CHARACTERISTICS: LENGTH: 29 amino acids
TYPE: APPLICATION ST21212 Relevant
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAMME: ROAM, BENILA J.
REGISTRATION NUMBER: 28,664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 AKAAKKRAAKAAK--KRAAKARA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CRGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
JS-08-677-304-10
US/08/152,488
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 10
US-08-677-304-11
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                                                                                                                                                                                                                                                                                                                   Sequence 13, Application US/08152488
Patent No. 5534619
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Cranford States of America COUNTRY: United States of America ZIP: New Jersey COUNTRY: United States of America ZIP: 07016-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: MS-DOS SOFTWARE: WordPerfect 6; ASCII (DOS)Text STRING MOTE: 12-NOV-1993
FILING DATE: 12-NOV-1993
FILING DATE: 12-NOV-1993
                                                             Query Match 59.3%; Score 64; DB 2; Best Local Similarity 65.4%; Pred. No. 0.043; Matches 17; Conservative 2; Mismatches
                                                                                                                                                                1 AKAAKKRAAKAAK - KRAAKAAKKRA 24
                                                                                                                                                                                                       2 AKKAAKKAAKKAKKAKKAA 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 AKAAKKRAAKAAK - KRAAKAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, Behita J.
REGISTRATION NUMBER: 28,664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/U892/08069
SILING DATE: 14-AUG-1993
US-08-152-488-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: RM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 32 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    908-276-5543
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
ORIGINAL SOURCE:
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US-08-436-703B-15
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                                                                                                                                                                                                                                                                               Length 29;
                                                                                                                                                                                                                                                                                                                                5; Indels
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Sequence 15, Application US/08436703B

Sequence 15, Application US/08436703B

PAPLICANT: Wakefield, Thomas W.

APPLICANT: Andrews, Philip C.

APPLICANT: Stanley, James C.

TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR

TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR

TITLE OF INVENTION: WALIGHT HEPARIN

TITLE OF INVENTION: WALIGHT HEPARIN

TITLE OF INVENTION: ANTICOAGULATION REVERSAL

NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                               Ouery Match 59.3%; Score 64; DB 2; Best Local Similarity 65.4%; Pred. No. 0.043; Matches 17; Conservative 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      28,664
ER: 7WK-060548-00233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: United States of America
COUNTRY: United States of America
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6;
SOFTWARE: ASCII (DOS) Text
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                          1 AKAAKKRAAKAAK - KRAAKAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                      2 AKKAAKKAKKAKKAKKAK 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Benita J, Rohm, Esq. STREET: 6601 Woodward Avenue STREET: Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: N/A
FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: ROAM, BENILE J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 7WK-TELECOMMUNICATION:
TELEPHONE: 313-965-1976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 15: SEQUENCE CHARACTERISTICS: LENGTH: 29 amino acids TYPE: amino acid strandedness: N/A
LENGTH: 29 amino acids TYPE: anino acid STRANDEDNESS: N/A TOPOLOGY: N/A MOLECULE TYPE: peptide ORIGINAL SOURCE: ORGANISM: N/A PUBLICATION INFORMATION: AUTHORS: N/A TITLE: N/A TITLE: N/A
    29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: N/A PUBLICATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                 ;
US-08-436-703B-3
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Query Match 59.3%; Score 64; DB 1; Length 32; Best Local Similarity 65.4%; Pred. No. 0.048; Matches 17; Conservative 2; Mismatches 5; Indels
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL ONRESSONDENCE ADDRESS: 13
CORRESSONDENCE ADDRESS: 13
CORRESSONDENCE ADDRESS: 13
CONTRY: Cranford Areacy
COUNTRY: United States of America STATE: Now Jersey
COUNTRY: United States of America ZIP: 07016-118 FORM: MS-DOS
ZIP: 07016-118 FORM: MS-DOS
COMPUTER: PROPATION SYSTEM: MS-DOS
SOFTWARE: Wordberfect 6; ASCII (DOS) Text
COMPUTER: PRICATION NUMBER: US/08/677,304
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELLESTAN: 908-276-5543
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERSTICS:
LUNDOTHS DATE: LAND ACIDS
NODE AND ACIDS ACIDS
NODE AND ACIDS ACIDS
NODE ACIDS
NOTE ACIDS
NODE ACID
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: No. 5721212 Relevant
TOPOLGGY: No. 5721212 Relevant
OLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
JS-08-677-304-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 N/A
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                                                                                                                                                                              US-SEQUENCE 15, Application US/08333025

Patent No. 5614494
GENERAL INFORMATION:
GENERAL INFORMATION:
MAREfield, Thomas W.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SQUENCES: 16
CORRESSEDS Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit Michigan
COUNTRY: United States of America
ZIP: A8226-4450SM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER READABLE FORM:
MEDIUM TYPE: BM PC compatible
COMPUTER RAPLICATION NUMBER: US/08/103,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION NUMBER: US/08/103,025
FILING DATE: 11-40G-1992
APPLICATION NUMBER: US/08/103,025
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: TWH-060548-00231
FELEPRONE: 313-496-7622
FELEPRAN: 313-496-7622
LENGTH: 32 amino acids
TTYPE: A1100 acids
TTYPE: MILLO ACID
                                   2 AKKAAKKAAKKAAKKAA 27
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DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 65.4<sup>†</sup>
Matches 17; Conservative
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PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
                                                                                                                                                                    US-08-303-025-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-303-025-15
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Search completed: August 17, 2004, 16:14:42 Job time : 11.9406 secs
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2 AKKAAKKAKKAAKKAKKAA 27

Sequence 13, Application US/08677304 Patent No. 5721212 GENERAL INFORMATION: APPLICANT: Wakefield, Thomas W.

RESULT 15 US-08-677-304-13

1 AKAAKKRAAKAAK--KRAAKAAKKRA 24

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Copyright (c) 1993 - 2004 Compugen Ltd.

My protein - protein search, using sw model

Run on:

August 17, 2004, 16:06:45; Search time 37.8416 Seconds

Pritle:

US-09-496-391-56

Sequence:

1 AKARKERAKARKERAKARKERA 24

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched:

1292805 seqs, 313927144 residues

Minimum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum DB seq length: 200000000

Post-processing: Minimum Match 10%

Maximum DB seq length: 200000000

Post-processing: Minimum Match 10%

In Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

1 / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

2 / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

3 / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

4 / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

5 / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

6 / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

11: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

12: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

11: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

12: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

11: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

12: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

11: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

12: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

13: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

14: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

15: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

16: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

17: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

18: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

18: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

18: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

19: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

10: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

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10: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

10: / Capp. 6 prodata 1/ pubpaa/USO ENEW PUB. pep: *

10: / Capp. 6 prodata 1/ pub
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 68109, A					Sequence 13, Appl	Sequence 62547, A	Sequence 64817, A	Sequence 27, Appl	Sequence 36, Appl	86,	Sequence 36, Appl	Sequence 86, Appl	7, A
SUMMARIES	US-10-282-122A-68109	US-10-127-032-120	US-10-282-122A-53742	US-10-282-122A-69962	US-10-282-122A-55748	US-10-169-613-13	US-10-282-122A-62547	US-10-282-122A-64817	US-10-229-567-27	US-10-393-449-36	US-10-393-449-86	US-10-177-725-36	US-10-177-725-86	US-09-988-165B-7
DB	12	14	12	12	12	12	12	12	14	12	12	7.4	14	10
% Query Match Length	372	347	526	336	428	21	214	214	214	104	104	104	104	27
% Query Match	65.7	64.8	64.8	63.0	63.0	62.0	61.1	61.1	61.1	57.4	57.4	57.4	57.4	56.5
Score	71	70	70	68	68	67	99	99	99	62	, 79	62	62	61
Result No.		lm	4	Ŋ	9	7	œ	σ	10	11	12	13	14	15

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# ALIGNMENTS

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US-10-282-122A-68109

Sequence 68103, Application US/10282122A
Publication No. 'US20040029123A1
Publication No. 'US20040029123A1
Publication No. 'US20040029123A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Wand, Liangsu
APPLICANT: Wald, Daniel
APPLICANT: Carradck, John
APPLICANT: Carradck,
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15; Conservative
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ck, John
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Trawick,
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                                                                                                                                                                                      RESULT 3
US-10-127-032-120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 120
LENGIH: 347
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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  Matches
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PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2000-05-21
PRIOR FILING DATE: 2000-05-21
PRIOR PELICATION NUMBER: 60/207,727
PRIOR PELICATION NUMBER: 60/207,727
PRIOR PELICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR PELICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR PELICATION NUMBER: 60/242,578
PRIOR PELICATION NUMBER: 60/242,578
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/253,931
PRIOR PELING DATE: 2000-11-27
PRIOR FILING DATE: 2001-10-20
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 68109
LENGTH: 372
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Pred. No. 0.36;
                                                                                                                                                                                                                                                                                                                               Query Match 65.7%; Score 71; DB 12; Length 372; Best Local Similarity 62.5%; Pred. No. 0.29; Matches 15; Conservative 6; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  . Sequence 66237, Application US/10282122A ; Publication No. US20040029129A1
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181 AEEAKKKAAEDAKKKAAEEAKKKA 204
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62.5%;
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Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Pseudomonas putida
US-10-282-122A-68109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Haselbeck, Robert
Ohlsen, Kari
Zyskind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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; ORGANISM: Pseudor
US-10-282-122A-66237
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TITLE OF INTERNITION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-38
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-36
                                                                                                                                                                                                                                                                                                                      APPLICANT: Whiteley, Marvin
APPLICANT: Whiteley, Marvin
APPLICANT: Bangera, M. Gita
APPLICANT: Bangera, M. Gita
APPLICANT: Langera, M. Gita
APPLICANT: Lory, Stephen
APPLICANT: Creenberg, Everett Peter
TITLE OF INVENTION: BIOFILM PORMATION
FILE REFERENCE: UIZ-070CP
CURRENT APPLICATION NUMBER: US/10/127,032
CURRENT PILING DATE: 2002-04-19
FRIOR APPLICATION NUMBER: US 60/285,190
FRIOR APPLICATION NUMBER: US 60/344,142
FRIOR PILING DATE: 2001-01-24
NUMBER OF SEQ ID NOS: 170
SOFTWARE FastSEQ for Windows Version 4.0
     Gaps
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     Indels
     6; Mismatches
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Publication No. US20040029129A1
GENERAL INFORMATION
APPLICANT: Mang, Liangsu
APPLICANT: Malone, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Oblsen, Kari
APPLICANT: Cystind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      168 AEDAKKKAAEDAKKKAAEEAKKKA 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AKAAKKRAAKKRAAKAAKKRA 24
                                                             1 AKAAKKRAAKAAKKRAAKKRA 24
                                                                                                                                                                                                                                                  Sequence 120, Application US/10127032; Publication No. US20030113742A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Carr, Grant
Yamamoto, Robert
Forsyth, R.
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; TYPE: PRT
; ORGANISM: Pseudomonas syringae
US-10-282-122A-69962
                     LENGTH: 336
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APPLICANT: Tranick, Abert
APPLICANT: Tranick, Abert
APPLICANT: Tranick, Abert
APPLICANT: MINGER: Golden
FILE REFERENCE: ELITRA, 34A
FILE REFERENCE: ELITRA DATE: 2003-02-21
FRIOR APPLICATION NUMBER: 60/191, 078
FRIOR PRING DATE: 2000-05-23
FRIOR APPLICATION NUMBER: 60/200, 848
FRIOR PRING DATE: 2000-05-23
FRIOR PLING DATE: 2000-05-26
FRIOR PRING DATE: 2000-05-06
FRIOR PLING DATE: 2000-09-06
FRIOR PLING DATE: 2000-09-09
FRIOR PLING DATE: 2000-09-09
FRIOR PLING DATE: 2000-10-23
FRIOR PLING DATE: 2000-11-27
FRIOR FILING DATE: 2000-11-27
FRIOR FILING DATE: 2000-11-27
FRIOR PLING DATE: 2000-11-27
FRIOR PLING DATE: 2000-11-27
FRIOR FILING DATE: 2000-11-27
FRIOR FILING DATE: 2001-12-22
FRIOR APPLICATION NUMBER: 60/257,931
FRIOR FILING DATE: 2001-02-09
FRIOR FRIOR FILING DATE: 2001-02-09
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PRIOR APPLICATION NUMBER: 60/242,578

PRIOR PILING DATE: 2000-10-23

PRIOR PELICATION NUMBER: 60/253,625

PRIOR FILING DATE: 2000-112-22

PRIOR PLING DATE: 2000-112-22

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-06

PRIOR PLING DATE: 2001-02-06

PRIOR PLING DATE: 2011-02-16

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 78614

SOFTWARE: Patentin version 3.1
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Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Malone, Carlos
APPLICANT: Haselbeck, Robert
APPLICANT: Haselbeck, Robert
APPLICANT: Oblsen, Kari
APPLICANT: Cyskind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     90 KAKKTAKKTAKKVAKKAAKKTA 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Cornyebacterium diptheriae
US-10-282-122A-53742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 KAAKKRAAKARAAKKRA 24
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PRIOR PAPLICATION NUMBER: 60/206,848

PRIOR PAPLICATION NUMBER: 60/206,848

PRIOR PILLING DATE: 2000-03-21

PRIOR PELING DATE: 2000-05-23

PRIOR PELING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-09

PRIOR PELING DATE: 2000-09-09

PRIOR PELING DATE: 2000-10-23

PRIOR PELING DATE: 2000-10-23

PRIOR PELING DATE: 2000-10-23

PRIOR PELING DATE: 2000-11-22

PRIOR PELING DATE: 2000-11-22

PRIOR PELING DATE: 2000-12-22

PRIOR PELING DATE: 2000-10-216

PRIOR PELING DATE: 2001-02-16

PRIOR PELING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Trawick, John
APPLICANT: Garr, Grant
APPLICANT: Variamoto, Robert
APPLICANT: Yamamoto, Robert
APPLICANT: Xu, H.
TITUE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFRENCE: ELITRA.034A
CURRENT APPLICATION UNMER: US/10/282,122A
                                                                         Gaps
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Length 336;
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                                                                  5; Mismatches
   Score 68;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                Sequence 55748, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                          163 AEEAKKQAADEAKKKAAEDAKKKA 186
                                                                                                                                        1 AKAAKKRAAKKRAAKKRA 24
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Query Match
Best Local Similarity 62.5%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Wall, Daniel
Trawick
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Best Local Similarity 66.7<sup>3</sup>
Matches 16; Conservative
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TITLE OF INVENTION: Identification of Esser
FILE REPERENCE: ELITRA, 034A
CURRENT APPLICATION WHERE: U5/10/282,122A
CURRENT FILING DATE: 2003-02-20
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US-10-282-122A-64817
US-10-282-122A-64817
Sequence 64817, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Mycobacterium bovis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Zyskind, Judith
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Trawick, John
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: 60/131,078

PRIOR FILING DATE: 2000-03-21

PRIOR PILING DATE: 2000-03-21

PRIOR PILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-09-06

PRIOR FILING DATE: 2000-09-06

PRIOR PILING DATE: 2000-09-06

PRIOR FILING DATE: 2000-09-06

PRIOR PILING DATE: 2000-09-06

PRIOR FILING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-06
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62.0%; Score 67; DB 12; Length 21;
Best Local Similarity 87.0%; Pred. No. 0.051;
Matches 20; Conservative 0; Mismatches 1; Indels
                                                                                     APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Soltered, Torese
APPLICANT: Vang, Nannan
TITLE OF INVENTION: Methods of peptide preparation
FILE REFERENCE: 1181-258
CURRENT APPLICATION NUMBER: US/10/169,613
CURRENT APPLICATION NUMBER: PCT/GB00/03378
PRIOR APPLICATION NUMBER: PCT/GB00/03378
PRIOR APPLICATION NUMBER: PCT/GB00/0378
PRIOR FILING DATE: 2000-03-09
PRIOR FILING DATE: 2000-03-09
PRIOR FILING DATE: 2000-03-09
PRIOR FILING DATE: 1000-03-09
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Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Malone, Cheryl
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohleen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; FEATURE:
; OTHER INFORMATION: antimicrobial peptide
US-10-169-613-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 KAAKKRAAKAAKKRAAKKRA 24
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Sequence 13, Application US/10169613 Publication No. US20030086959A1
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Yamamoto, Robert
Forsyth, R.
                                                 GENERAL INFORMATION:
APPLICANT: Redkdal, Oystein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Trawick, John
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 13
LENGTH: 21
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WIION: Identification of Essential Genes in Microorganisms
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PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR PILING DATE: 2000-12-20
PRIOR PILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SSC THON 62547
LENGTH: 214
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NUMBER OF SEQ ID NOS: 78614
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61.1%; Score 66; DB 12; Length 214;
Best Local Similarity 66.7%; Pred. No. 0.68;
Matches 16; Conservative 1; Mismatches 7; Indels
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APPLICANT: Anderson, David
APPLICANT: Begenberger, Jakob M.
APPLICANT: Begenberger, Jakob M.
APPLICANT: Begenberger, Jakob M.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT S
FILE REFERENCE: RIGL-007CIP3
CURRENT FILING DATE: 2003-03-18
PRIOR APPLICATION NUMBER: US 10/177,725
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR RILING DATE: 1999-10-08
PRIOR RILING DATE: 1999-10-08
PRIOR PILING DATE: 1999-10-08
PRIOR PILING DATE: 1999-10-08
PRIOR PILING DATE: 1999-10-08
PRIOR FILING DATE: 1999-10-08
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TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT SI
FILE REPRENCE: RIGH-OOTCIP3
CURRENT APPLICATION NUMBER: US/10/393,449
CURRENT FILING DATE: 2002-06-20
FRIOR PRIOR PELING DATE: 2002-06-20
FRIOR PRIOR PELING DATE: 1999-10-08
FRIOR PRIOR APPLICATION NUMBER: US 09/415,765
FRIOR PRIOR PELING DATE: 1998-10-08
FRIOR FILING DATE: 1998-11-08
FRIOR FILING DATE: 1998-10-08
FRIOR FILING DATE: 1998-11-08
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OTHER INFORMATION: "Xaa" at positions 37-39, 41-43, 45-46, 48-50, 52-53, 55-57, 59-6
OTHER INFORMATION: 1, 63-64 and 66-68 can be any amino acid
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57.4%; Score 62; DB 12;

Best Local Similarity 65.2%; Pred. No. 1;

Matches 15; Conservative 2; Mismatches 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 86, Application US/10393449 Publication No. US20030224412A1 GENERAL INFORMATION:
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ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: synthetic
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NAME/KEY: MISC_FEATURE
LOCATION: (37)..(68)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC pANCA antigens
                                                                                                                                                                ö
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                                                                                           Length 214;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: (IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/229,567
FILING DATE: 27-Aug-2002
CLASSIFCATION OF COMPANIANCE APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE: CURROWIN-
APPLICATION NUMBER: US 09/041,889
                                                                                                                                                                7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION:
                                                                                           Score 66; DB
Pred. No. 0.68
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-10-229-567-27
                                                                                                                                                                                                                                                                                                108 ASAAKKVAKKAPAKKATKAAKKAA 131
                                                                                                                                                                                                                           1 AKAAKKRAAKAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     108 ASAAKKVAKKAPAKKATKAAKKAA 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 27, Application US/10229567
Publication No. US20030092080A1
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 11
US-10-393-449-36
Sequence 36. Application US/10393449
Publication No. US20030224412A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 214 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (619) 535-8949
                                                                                       Query Match
Best Local Similarity 66.7%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 27
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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Best Local Similarity
Matches 16; Conserva
                  US-10-282-122A-64817
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US-10-229-567-27
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82 AAAAKKKAAAAAAAAAAAAKKK 104

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Sequence 7, Application US/09988165B
Sequence 7, Application US/09988165B
Publication No. US20030144473A1
GENERAL INFORMATION:
APPLICANT: Symbices Genellschaft zur Erforschung und Entwicklung
APPLICANT: auf dem Gebiet der Biotechnologie mbH
TITLE OF INVENTION: Peptides for the Production of Preparations
TITLE OF INVENTION: for the Diagnosis and Therapy of Autoimmune Diseases
FILE REFERENCE: 3642
CURRENT APPLICATION NUMBER: US/09/988,165B
CURRENT FILING DATE: 2001-11-19
PRIOR FILING DATE: 1992-09-16
NUMBER OF SEQ ID NOS: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 61; DB
Pred. No. 0.36
3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Search completed: August 17, 2004, 17:19:25 Job time : 37.8416 secs
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Best Local Similarity 64.0%;
Matches 16; Conservative 3
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ORGANISM: human
                                          RESULT 15
US-09-988-165B-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-988-165B-7
                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Anderson, David
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Beele, Beau R.
APPLICANT: Bogenberger, US/10/177, 725
CURRENT APPLICATION NUMBER: US/01/177, 725
CURRENT FILING DATE: 1999-10-08
PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR FILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 173
SEQ ID NO 86
LENGTHREE PERCHIN VETSION 3.1
SEQ ID NO 86
                                                                                                               APPLICANT: Anderson, David
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Beele, Beau R.
APPLICANT: Bogenberger, US/10/177,725
CURRENT APPLICATION NUMBER: US/01/177,725
CURRENT FILING DATE: 1999-10-08
PRIOR PILING DATE: 1999-10-08
PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR PILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 173
SCOTTMARE: PatentIn version 3.1
SEQ ID NO 36
LENGTH: 104
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 62; DB 14; Length 104;
Pred. No. 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      82 AAAAKKKAAAAAAAAAAAKKK 104
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                                          Sequence 36, Application US/10177725
Publication No. US20030143562A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 86, Application US/10177725 Publication No. US20030143562A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ouery Match
Best Local Similarity 65.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-177-725-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: MISC FEATURE
LOCATION: (37)..(68)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 14
US-10-177-725-86
RESULT 13
JS-10-177-725-36
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2; Gaps

DB 10; Length 27; 0.36; 4; Indels

Title: Perfect score:

Sequence:

OM protein

Run on:

Scoring table:

Minimum DB Maximum DB

Database :

Result No.

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Sequence 15, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 2, Appli
Sequence 1, Appli
Sequence 3, Appli
Sequence 5, Appli
Sequence 1, Appli
Sequence 2, Appli
Sequence 1, Appli
Sequence 6, Appli
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Zhang, Shuguang
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Lockshin, Curtis
APPLICANT: Holmes, Todd
APPLICANT: Holmes, Todd
TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CITY: Lexington Drive
CITY: Massachusetts
                             Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ·.
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Pred. No. 0.53;
1; Mismatches 3; Indels
                       US-08-677-304-11
US-08-436-703B-3
US-08-436-703B-15
US-08-152-488-13
US-08-303-025-15
US-08-436-733B-2
US-09-405-743A-1
US-09-405-743A-3
US-09-405-743A-3
US-09-405-743A-5
US-09-405-743A-5
US-09-405-743A-5
US-09-405-743A-5
US-09-405-743A-5
US-09-405-743A-1
US-09-405-743A-5
US-09-405-743A-5
US-09-405-743A-5
US-09-405-743A-6
US-09-405-24-1
US-09-408-02-6
US-09-181-941-14
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ZIP: 02173-4799
COMPUTER: D.S.A.
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/346,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIPTCATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATORNEY AGENT INFORMATION:
NAME: BROOK, DAVIG E.
REGISTRATION NUMBER: 22,592
REFENCE/DOCKET NUMBER: MIT-6008
TELEPHONE: (617) 861-6240
TELEPHONE: (617) 861-6240
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-346-849-16; Sequence 16, Application US/08346849; Patent No. 5670483; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 75.0%;
Matches 12; Conservative
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TOPOLOGY: line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein US-08-346-849-16
पित्र प्रांची प्रांची
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 16, Appl
Sequence 29581, A
Sequence 16, Appl
Sequence 4, Appli
Parent No. 5273901
Patent No. 5482709
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Sequence 14, Appl
Sequence 16, Appl
Sequence 27, Appl
Sequence 27, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 17, Appl
Sequence 17, Appl
Sequence 17, Appl
Sequence 10, Appl
Sequence 10, Appl
Sequence 10, Appl
Sequence 10, Appl
Sequence 11, Appl
Sequence 11, Appl
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Sequence 16, Appl
Sequence 16, Appl
                                                                                                                                                                                            August 17, 2004, 15:50:03 ; Search time 7.9604 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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(/ggn2 6/ptodata2/jaa/5A_COMB.pep:*

(/ggn2 6/ptodata2/jaa/5B_COMB.pep:*

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(/ggn2 6/ptodata2/jaa/6B_COMB.pep:*

(/ggn2 6/ptodata2/jaa/PCTUS COMB.pep:*

(/ggn2 6/ptodata2/jaa/PCTUS COMB.pep:*
                       GenCore version 5.1.6
(c) 1993 - 2004 Compugen Ltd.
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US-08-293-264A-16
US-08-293-264A-16
US-08-303-0.16
US-08-303-0.16
US-08-303-0.25-16
US-08-303-0.25-16
US-08-303-0.25-14
US-08-303-0.25-14
US-08-417-264-27
US-09-417-264-27
US-09-417-264-27
US-09-417-264-27
US-09-417-264-23
US-09-417-264-23
US-09-417-264-23
US-09-417-264-23
US-09-417-264-23
US-09-417-264-23
US-09-417-264-23
US-09-16-930A-7
US-08-303-0.55-12
US-08-303-0.55-12
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US-08-303-0.55-12
US-08-303-0.55-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                             - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                          BLOSUM62
Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             seq length: 0
seq length: 200000000
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72
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Match 1
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Gaps
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APPLICANT: Holmes, Todd
APPLICANT: Zhang, Shrguang
APPLICANT: Rich, Alexander
APPLICANT: DiPersio, C. Michael
APPLICANT: Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
TITLE OF INVENTION: THERREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .
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Patent No. 6548830
GENERAL INFORMATION:
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Rich, Alexander
APPLICANT: Holmes, Took
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
                                                                                                                                                                                                                                                                                                                                                                                           E: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CAPUTER RADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: Datentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284A
FILING DATE: 24-AUG-1994
CLASSIFICATION NUMBER: US/08/293,326
FILING DATE: 28-DEC-1992
ATTORNEY/AGRNT INFORMATION:
NAME: BLOOK, DAVIG E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                            RESULT 2
US-08-203-284A-16
; Sequence 16, Application US/08293284A
net No. 5955343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENTH: 60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARKKAAKAARKAAKA 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 75.0%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11 AKKKAAAKKKAAAKA 26
  11 AKKKAAAKRKAAAKA 26
                                                                                                                                                                                                                                                                                                                                                                                                           STREET: Two...
CITY: Lexington
CTTY: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           / MOLECULE TYPE: protein US-08-293-284A-16
                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A.
ZIP: 02173-4799
                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 3
US-08-898-300-16
QQ
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## Sequence 29581, Application US/09252991A
## Sequence 29581, Application US/09252991A
## Sequence 29581, Application US/09252991A
## Sequence 29581, Application
## Sequence 29581, Application
## Sequence 29581, Application
## TILLE OF INVENTION:
## TILLE OF INVENTION:
## TITLE OF INVENTION UNMER:
## US 60/074,788
## PRIOR FILING DATE:
## PRIOR FILING DATE:
## PRIOR FILING DATE:
## PRIOR FILING DATE:
## DRIOR FILING DATE:
## 
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SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 72.2%; Score 52; DB 4; Length 60; Best Local Similarity 75.0%; Pred. No. 0.53; Matches 12; Conservative 1; Mismatches 3; Indels
                                                                                                                                                                               CORRESPONDENCE HAMILTONS:
ADDRESSES: HAMILTONS BROCK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Messachusetts
CUNTRY: U.S.A.
ZIP: 102173-479
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: BC-DOS/MS-DOS
OPERATING SYSTEM: BC-DOS/MS-DOS
OFTWARE: PATCATION UNMBER: US/08/898,300
FILING DATE: 22 JULY 1997
CLASSIFICATION NUMBER: US/08/898,300
FILING DATE: 22 JULY 1997
CLASSIFICATION NUMBER: 08/346,849
FILING DATE: 28 DECEMBER 1994
FRICH APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY AGENT INFORMATION:
NAME: BTOOK, MANDER:
NAME: BTOOK, DAVIG E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        66.7%; Score 48; DB 4; 66.7%; Pred. No. 11;
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ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Brook, David E. REGISTRATION NUMBER: 22,592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: MI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 ARKKAAKAARKA 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          11 AKKKAAAAKRKAAAKA
          TITLE OF INVENTION: SELF
TITLE OF INVENTION: THER
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , MOLECULE TYPE: protein US-08-898-300-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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US-09-252-991A-29581
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PARLICANT: JACOBSON, JAMES W.STRAUSBERG, ROBERT L.; WILSON, SUSAN D.; POEE SHARON H.; STRAUSBERG, SUSAN L.; WILSON, SUSAN D.; POEE SHARON H.; STRAUSBERG, SUSAN L.; RUFF, MICHAEL D.; AUGUSTINE, PATRICIA C.; DANFORTH, HARRY D.

TITLE OF INVENTION: GENETICALLY ENGINEERED COCCIDIOSIS; SPOROZOTTE 21.5 KB ANTIGEN, AC-6B

NUMBER OF SEQUENCES: 11

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/581,693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   65.3%; Score 47; DB 2; Length 33; 68.8%; Pred. No. 1.5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
Sequence 4, Application US/08436703B
PAPELICANT: Wakefield, Thomas W.
APPLICANT: Markefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NEVEL PEPTIDES FOR
TITLE OF INVENTION: HERPARIN AND LOW MOLECULAR
TITLE OF INVENTION: MEIGHT HERPARIN
TITLE OF INVENTION: MAIGOAGULATION REVERSAL
NUMBER OF SEQUENCES:
CORRESPENDENCE ADDRESS:
ADDRESSEE: Benita J. Rohm, Esq.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7WK-060548-00233
                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 4826
COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMFUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORDERFECT 6;
SOFTWARE: ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION NUMBER: US/08/436,703B
FILING DATE: N-MAY-1995
CLASSIFICATION NUMBER: N/A
ATTORNEY/AGENT INFORMATION:
NAME: RADM, BENITA J.
REGISTRATION NUMBER: Z8,664
REFERENCY/DOCKET NUMBER: 7WK-060548-00
TELECOMMUTICATION INFORMATION:
TELEPRANIC AI3-965-1936
INFORMATION FOR SEQ ID NO: 4:
INFORMATION FOR SEQ ID NO: 4:
INFORMATION CRARACTERISTICS:
LANGTH. 33 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                               STREET: 6601 Woodward Avenue
STREET: Suite 1525
STREET: Detroit
STATE: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 ARKKAAKAARKKAAKA 16
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Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) ORGANISM: N/A
) PUBLICATION INFORMATION:
) AUTHORS: N/A
US-08-436-703B-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              N/A
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    Gaps
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    1; Indels
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                                                                                                                                                                                         Sequence 16, Application US/08303025
; Patent No. 5644494
; GENERAL INFORMATION:
APPLICANT: Warkefield, Thomas W.
APPLICANT: Warkefield, Thomas W.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
CORRESPONDENCE ADDRESS:
CORRESPONDENCE Benita J. Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
ZIP: 48226-4415
COMPUTER READABLE FORM:
MEDIUM TYEE: Floppy diskette 3.5" 1.44M5
COMPUTER: MordPerfect 6.1; ASCII (DOS)TEXT SOFTWARE: WordPerfect 6.1; ASCII (DOS)TEXT SOFTWARE: WordPerfect 6.1; ASCII (DOS)TEXT SOFTWARE: WordPerfect 6.1; ASCII (DOS)TEXT CURRENT APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SERT-1994
CLASSIFICATION NUMBER: PCT/US92/06829
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENI INFORMATION:
NAME: ROHM, Benita J.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-496-7622
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 amino acids
TYPE: ANAM
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 65.3%; Score 47; DB:
Best Local Similarity 68.8%; Pred. No. 1.5;
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
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; DCCUMENT NUMBER: PCT/US92/08069

; FILING DATE: 14-AUG-1993

US-08-303-025-16
    4,
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223 AKKKAAEDAKKKAAE 237
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                                              1 ARKKAAKAARKKAAK 15
  10; Conservative
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PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                              RESULT 5
US-08-303-025-16
  Matches
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Gaps

RESULT 6 US-08-436-703B-4

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wakefield, Thomas W.
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Detroit
STAIR: Michigan
COUNTY: United States of America
ZIP: 48226-4415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Worderfect 6; ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION: 514
PRIOR APPLICATION: BATCH
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY AGENT INPORMATION:
NAME: Robm, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELECOMMUNICATION INPORNATION:
TELEDATION: CON 102-276-3344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-152-488-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 14, Application US/08303025; Patent No. 5614494; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 RKKAAKAARKAAKA 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 63.9
Best Local Similarity 66.7
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: N/A PUBLICATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: N/A MOLECULE TYPE: pt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 N/A
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TITLE: N
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US-08-303-025-14
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**PACENT NO. 5482709

**PACENT: JACOBSON, JAMES W.;STRAUSBERG, ROBERT D.;WILSON, SUSAN D.;POPE, SHARON H.;STRAUSBERG, SUSAN D.;POPE, SHARON H.;STRAUSBERG, SUSAN D.;POPE, SHARON H.;STRAUSBERG, SUSAN D.;PUFF, MICHAEL D.;

**TILES, PATRICIA, EDRINIA ANTIGENIC COMPOSITION WHICH FILLY ANTIBODIES AGAINST AVIAN COCCIDIOSIS

**NUMBER OF SEQUENCES: 10

**CURRENT APPLICATION DATA:

**APPLICATION NUMBER: US/08/148,432

**FLING DATE: 08-NOV-1993

**PRIOR APPLICATION NUMBER: S1,633

**FLING DATE: 12-SEP-1990

**APPLICATION NUMBER: 51,620

**PLING DATE: 13-U14-1989

**APPLICATION NUMBER: 746,520

**PLING DATE: 19-U14-1988

**APPLICATION NUMBER: 67-U14-1988

**PLING DATE: 05-U14-1988

**PLING DATE: 05-U14-1988
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                                                                                                                                                                                                                                                                                                    65.3%; Score 47; DB 6; Length 180; 68.8%; Pred. No. 7.1;
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                                                                                                                                                                                                                                                                                                                                                        3; Indels
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APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PREPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 47; DB 6;
Pred, No. 7.1;
2; Mismatches
                                                                                                                                                                                                                                                                                                                                                     2; Mismatches
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United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
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US-08-152-488-12
'Sequence 12, Application US/08152488
'Patent No. 5534619
     FILING DATE: 12-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 215,162
FILING DATE: 05-UUL-1988
APPLICATION NUMBER: 746,520
FILING DATE: 19-UTN-1985
APPLICATION NUMBER: 627,811
FILING DATE: 05-UUL-1984
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153 AASTAAKAAQEKAAKA 168
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 68.8%;
Matches 11; Conservative 2
                                                                                                                                                                                                                                                                                                                                                                                                         1 ARKKAAKAARKKAAKA 16
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                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 68.8
Matches 11; Conservative
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ADDRESSEE: Benita J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 180
                                                                                                                                                                                                        SEQ ID NO:7:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO:6:
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Gaps
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Query Match 63.9%; Score 46; DB 1; Length 29; Best Local Similarity 66.7%; Pred. No. 1.8; Matches 10; Conservative 2; Mismatches 3; Indels
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APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James G.
TITLE OF INVENTION: HEPATION OVUEL PEPTIDES FOR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WIGHT HEPARIN
TITLE OF INVENTION: WIGHT HEPARIN
OVURBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: Gold Woodward Avenue
STREET: Suite 1525
CITY: Detroit
STREET: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: United States of America
ZIP: 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IEM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Morderfect 6;
SOFTWARE: Morderfect 6;
SOFTWARE: MS-DOS)
SOFTWARE: MS-DOS)
FULLING DATE: 08-MAY-1995
FILING DATE: 08-MAY-1995
FILING DATE: 08-MAY-1995
FILING DATE: N/A
PRICATION NUMBER: N/A
ATTORNEY, AGBNT INPORMATION:
NAME: ROAM, BERLIA J.
REGISTRATION MUMBER: 28,664
                                                 TELEPRANE: 908-276-3344

TELEFAX: 908-276-5343

INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: M/A
TYPE: N/A
TYPE: N/A
TYPE: N/A
TYPE: N/A
TYPE: N/A
FYBING DATE: 14-AUG-1993
US-08-677-304-12
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US-08-436-703B-16
US-08-436-703B-16
; Sequence 16, Application US/08436703B
; Patent No. 5919761
; GENERAL INFORMATION;
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REFERENCE/DOCKET NUMBER: 7W
TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-965-1976
                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 RKKAAKAARKA 16
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          REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO:
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Sequence 12, Application US/08677304

Patent No. 5721212

GENERAL INFORMATION:

APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J. Rohm, Esq.
STREET: S12 Springfield Avenue
CITY: Cranford
STATE: New Jersey
COUNTRY: United States of America
STREET: S12 Springfield Avenue
COMPTTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CUMPTTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WARDELE FORM:
MEDIUM TYPE: Rloppy disk
COMPUTER: UNACHERICECT 6; ASCII (DOS) Text
CUMPTER: UNACHERICEC 6; ASCII (DOS) Text
TILING DATE: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, BENITA J.
REGISTRATION NUMBER: 28,664
CLASSIPICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNS DATE: 12-NOV-1993
ATTORNS CAPAT INFORMATION:
NAME: Rohm, Benita J.
REPERENCE/DOCKET NUMBER: 7WH-060548-00231
TELEPHONE: 313-496-7622
TELEPHONE: 313-496-7622
TELEPKX: 313-496-7622
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
ITILE: N/A
COCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
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Best Local Similarity 66.7
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDENNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
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US-08-677-304-12
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CLASSIFICATION:
PRICR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
APILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: CAMPDEIL, CARIPTIA A.
REGISTRATION NUMBER: 31,815
REFERRINGE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09019490 Patent No. 6566334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: John H. Runnels
STREET: P. O. Box 2471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 214 anino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-09-417-264-27
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Best Local Similarity 7....
Best Local Similarity 7....
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                                                                                                                                                                                                                                                                                                CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                            ADDRESSEE:
                                                 US-09-417-264-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 15
US-09-019-490-1
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Patent No. 6033864

GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cchavy, Offer
ITILE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
ITILE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41

CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
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                                                                                                                                                                                                                       63.9%; Score 46; DB 2; Length 29; 66.7%; Pred. No. 1.8; 2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
BATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    63.9%;
                                                                                                                                                                                                                                                                                                    2 RKKAAKAARK 16
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121 KKATKAAKKAATKA 134
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29 amino acids
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Best Local Similarity 71.4'
Matches 10; Conservative
               TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
                                                                                                                                                                                                                                                            Conservative
                                                                                               ORIGANISM: N/A
ORGANISM: N/A
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear;
MOLECULE TYPE: peptide
US-09-041-889-27
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California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         amino acid
                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 10; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                 ; TITLE: N/A
US-08-436-703B-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                US-09-041-889-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                RESULT 13
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Sequence 27, Application US/09417264

Patent No. 6337768
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Ulcerative Colitis, and Treatment of
TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
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APPLICANT: McLaughlin, Mark L.
APPLICANT: Tokum, Thomas S.
APPLICANT: Bright, Frederick M.
APPLICANT: Blzer, Philip H.
APPLICANT: Blzer, Philip H.
APPLICANT: Hammer, Robert Amphipathic Peptides with
TITLE OF INVENTION: Activity
TITLE OF INVENTION: Activity
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                   ZIP: 92122
CCMPUTER READBALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.25
CURRIT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
                                                                                                                                                                                                                                                     B: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 46; DB 4
Pred. No. 11;
1; Mismatches
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FRATURE:

OTHER INFORMATION: /note= "Amidated at C-terminus;"
PUBLICATION INFORMATION:
AUTHORS: Vokum, T. S.
AUTHORS: Elzer, Philip H.
AUTHORS: Mclaughlin, Mark H.
AUTHORS: Antimicrobial alpha, alpha-dialkylated Amino TITLE: Acid Rich Peptides with in-Vivo Activity against TITLE: Acid Rich Peptides with in-Vivo Activity against TITLE: A on Intracellular Pathogen JOURNAL: Journal of Medicinal Chemistry VOLUME: 39
ISSUE: 39
ISSUE: 39
ISSUE: 39
ISSUE: 30-3605
DATE: 13-Sept-1996
RELEVANT RESIDUES IN SEQ ID NO: 1: FROM 1 TO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 61.1%; Score 44; DB 4; Length 14; Best Local Similarity 76.9%; Pred. No. 1.7; Matches 10; Conservative 1; Mismatches 2; Indels
                                                   COUNTRY: USA

ZIP: 70821-2471

COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM FC compatible
OMPRING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/019,490
FILING DATE: OG-FEB-1997
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: RUNNel'S, JOHN H:
NAME: REDERENCE/POCKET UNBER: 33451
REGISTRATION NUMBER: 33451
REGISTRATION OF SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LEMGTH: 14 amino acids
TYPE: amino acids
TYPE: amino acids
TOPOLOCY: linear
MOLECULE TYPE: peptide
Baton Rouge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-019-490-1
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1 ARKKAAKAARKKA 13

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Gaps .; 0

Search completed: August 17, 2004, 16:14:25 Job time : 7.9604 secs

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RESULT 1
US-10-424-599-219563
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US-10-390-472-16
              Sequence 16, Appl.
Sequence 3957, Ap
Sequence 354, Ap
Sequence 35, Appl.
Sequence 4855, Ap
Sequence 27, Appl.
Sequence 68109, A
Sequence 68109, A
Sequence 6823, A
Sequence 120, Appl.
Sequence 120, Appl.
Sequence 22, Appl.
Sequence 22, Appl.
Sequence 22, Appl.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 219563,
                                                                                                                   August 17, 2004, 16:06:45; Search time 25.2277 Seconds (without alignments) 199.100 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Published Applications AA:*

1: \cgn2 \( \) \cgn2 \( \) \cgn2 \( \) \cgn2 \( \) \( \) \cgn
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 US-10-424-599-219563
6 US-10-30-472-16
4 US-10-156-1957
4 US-10-369-493-3684
2 US-10-169-613-13
2 US-10-169-613-13
2 US-10-169-613-13
2 US-10-169-613-13
2 US-10-193-12A-68109
2 US-10-282-122A-66195
2 US-10-282-122A-66237
4 US-10-169-613-18
2 US-10-169-613-18
2 US-10-169-613-18
2 US-10-169-613-18
2 US-10-169-613-18
                                                                                                                                                                                                                                                                                                                                                                                    Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                          1292805 seqs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                            - protein search, using sw model
                                                                                                                                                                                                                                                                                BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                            1 ARKKAAKAARA 16
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Maximum DB seq length: 2000000000
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72
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query
Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Title:
Perfect score:
                                                                                                                                                                                                                                                                                    Scoring table:
                                                                                OM protein
                                                                                                                                                                                                                                              Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Database
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Result
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        16
        47
        65.3
        481
        14
        US-10-156-761-13875
        Sequence 13875, A

        17
        65.3
        827
        16
        US-10-69-613-37
        Sequence 31, Appl 19

        18
        46.5
        64.6
        18
        12
        US-10-169-613-37
        Sequence 31, Appl 20

        20
        46
        63.9
        170
        US-10-169-613-37
        Sequence 53050, A

        21
        46
        63.9
        214
        12
        US-10-282-122A-51305
        Sequence 53050, A

        23
        46
        63.9
        214
        12
        US-10-282-122A-61301
        Sequence 62547
        Sequence 62547

        24
        46
        63.9
        214
        12
        US-10-282-122A-6137
        Sequence 62547
        Sequence 62547

        25
        46
        63.9
        214
        US-10-282-122A-6547
        Sequence 62547
        Appl 36

        26
        46
        63.9
        214
        US-10-282-122A-6137
        Sequence 62547
        Appl 36

        27
        46
        63.9
        214
        US-10-28-123A-6131
        Sequence 62547
        Appl 36

        28
        62.5
        593
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## ALIGNME

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REBULT 1

US-10-424-599-219563

US-10-424-599-219563

Sequence 219563, Application US/10424599

Publication No. US2004003107241

Sequence 219563, Application US/10424599

Publication No. US2004003107241

APPLICANT: Rowalic David K

APPLICANT: ApplicANT: Cac Yongwid K

APPLICANT: Cac Yongwid K

APPLICANT: Cac Yongwid K

APPLICANT: Cac Yongwid K

APPLICANT: Sand Yihua

APPLICANT: Sand Yongwid K

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: UNDERS: US/10/424,599

CURRENT APPLICANT: Sand Yongwid You Sand You San
```

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APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Stare, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REPERENCE: 38-10(52052)8
CURRENT PPLICATION NUMBER: US/10/369,493
CURRENT PILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US (6/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 3684
                                                                                                                                                                                                                                                                                         72.2%; Score 52; DB 14; Length 258; 73.3%; Pred. No. 6.6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     70.8%; Score 51; DB 15; Length 685; 73.3%; Pred. No. 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 35, Application US/10169613
Publication No. US20030086959A1
GENERAL INFORMATION:
APPLICANT: Redkdal, Oystein
APPLICANT: Svendsen, John
APPLICANT: Mikman, Mari
APPLICANT: Soltstad, Torese
APPLICANT: Yang, Mari
APPLICANT: Yang, Mari
APPLICANT: Wing, Mari
APPLICANT: Wing, Mannan
TITLE OF INVENTION: Methods of peptide preparation
FILE REFERENCE: 1181-258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: unsure

: LOCATION: (1)..(685)

: OTHER INFORMATION: unsure at all Xaa locations

US-10-369-493-3684
                                                                                                                                                                                                                                                                                                                                          3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: PCT/GB00/03378
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: JP 2001-204089
PRIOR FILING DATE: 2001-05-30
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR APPLICATION NUMBER: JP 2001-272697
NUMBER OF SEQ ID NOS: 15109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3684, Application US/10369493 Publication No. US20030233675A1 GENERAL INFORMATION:
                                                                                                                                                                                            TYPE: PRT ; ORGANISM: Streptomyces avermitilis US-10-156-761-9957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Neurospora crassa
                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11; Conservative
                                                                                                                                                                                                                                                                                                                   Best Local Similarity
Matches 11; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 11; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-369-493-3684
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                                                                                                                                                                          LENGTH: 258
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                                                                                                                                           DiPersio, C. Michael
Lockshin, Curtis
IIILE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
THEREPOR
                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                            CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 17-Mar-2003
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        72.2%; Score 52; DB 16; Length 60; 75.0%; Pred. No. 1.6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-40G-1994
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DG-11992
ATTORNEY,AGENT INFORMATION:

NAME: Brook, David E.

REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008A
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: OWURA, SATOSHI
APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAWA, UUN
APPLICANT: ISHIKAWA, HIROSHI
APPLICANT: SHIKAWA, HIROSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SARAKI, YOSHIYUKI
APPLICANT: HATTORI, MASAHIRA
ITILE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-390-472-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 9957, Application US/10156761; Publication No. US20030119018A1; GENERAL INFORMATION:
Sequence 16, Application US/10390472
Publication No. US20040087013A1
GENERAL INFORMATION:
APPLICANT: Holmes, Todd
Zhang, Shuguang
Rich, Alexander
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (617) 861-9540 INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 ARKKAAKAARKAAKA 16
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                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 72.2
Best Local Similarity 75.0
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-156-761-9957
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Indels 1; Gaps
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                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Artificial peptide of helical conformation US-10-169-613-35
                                                                                                                                                                                                                                                                                                                                                                                  Query Match 70.1%; Score 50.5; DB 12; Length 18; Best Local Similarity 87.5%; Pred. No. 0.77; Matches 14; Conservative 0; Mismatches 1; Indels 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 70.1%; Score 50.5; DB 12; Length 21; Best Local Similarity 87.5%; Pred. No. 0.89; Matches 14; Conservative 0; Mismatches 1; Indels 1
                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Wikman, Marit
APPLICANT: Wikman, Marit
APPLICANT: Wikman, Marit
APPLICANT: Vang, Nannan
TITLE OF INVENTION: Methods of peptide preparation
FILE REPERBUGE: 1181-258
CURRENT APPLICATION NUMBER: US/10/169,613
CURRENT FILING DATE: 2002-07-18
PRIOR PILING DATE: 2001-08-31
PRIOR PILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: GB 0005/02.6
PRIOR APPLICATION NUMBER: GB 0005/02.6
PRIOR APPLICATION NUMBER: PCT/GB99/02851
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 40
SOOTHWARE: Patentin version 3.0
PRIOR FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: GB 0005702.6
PRIOR PILING DATE: 2000-03-09
PRIOR FILING DATE: 1999-08-31
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 40
SOFTWARE: Patentin version 3.0
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; FEATURE:
; OTHER INFORMATION: antimicrobial peptide
US-10-169-613-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4885, Application US/09738626
Publication No. US20020197605A1
GENERAL INFORMATION:
APPLICANT: NAKAGAWA, SATOSHI
APPLICANT: MIZOGUCHI, HIROSHI
APPLICANT: ANDO, SEIKO
APPLICANT: ANDO, SEIKO
APPLICANT: OCHIAI, KEIKO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 6
US-10-169-613-13
Sequence 13, Application US/10169613
Publication No. US20030086959A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 ARKKAAKAAKA 16
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                                                                                                                                                                                                                                                      ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial
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LENGTH: 21
                                                                                                                                                                                                                                                                                       FEATURE:
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Patent No. US20020151001A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Deguesa AG
TITLE OF INVENTION: New nucleotide sequences which code for the ccpAl gene FILE REFERENCE: 0006059 HT
CURRENT APPLICATION NUMBER: US/09/938,540
CURRENT FILING DATE: 2001-08-27
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                   0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                69.4%; Score 50; DB 9; Length 369; 75.0%; Pred. No. 18; tive 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      69.4%; Score 50; DB 9; Length 388; 75.0%; Pred. No. 19; tive 1; Mismatches 3; Indels
                                                       Sequence 68109, Application US/10282122A
Publication No. US20040029123A1
GRNEAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-738-626-4885
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-938-540-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    340 AAAKAAKAAQKAAAKA 355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          359 AAAKAAKAAQKAAKA 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 ARKKAAKAARKKAAKA 16
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Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 75.03
Matches 12; Conservative
            TATEISHI, NAOKO
SENOH, AKIHIRO
IKEDA, MASATO
YOKOI, HARUHIKO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 75.0
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-282-122A-68109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 8
US-09-938-540-2
APPLICANT:
                              APPLICANT:
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Remaining Prior Application data removed - See File Wrapper or PALM.
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR PILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-112-22
PRIOR PAPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-09
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PRIOR APPLICATION NUMBER: 60/191,078
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-11-27
PRIOR PULING DATE: 2000-11-27
PRIOR PULING DATE: 2000-11-27
PRIOR PULING DATE: 2000-11-27
PRIOR PULING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PULING DATE: 2000-11-27
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FILING DATE: 2001-02-09
APPLICATION NUMBER: 60/269,308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: PRT
; ORGANISM: Pseudomonas syringae
US-10-282-122A-69962
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ohlsen, Kari
Syskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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Best Local Similarity 66.73
Matches 10; Conservative
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           APPLICANT: Foreyth, R.
APPLICANT: Agnamoto, Robert
APPLICANT: Xu, H.
APPLICANT: Xu, H.
TITLE OF INVENTION Identification of Essential Genes in Microorganisms
TITLE OF INVENTION Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA, 034A
CURRENT APPLICATION NUMBER: 60/191,078
FRIOR FILING DATE: 2000-03-21
PRIOR PLILOR DATE: 2000-03-21
PRIOR PLILOR DATE: 2000-05-26
PRIOR PLILOR DATE: 2000-05-26
PRIOR PLILOR DATE: 2000-05-06
PRIOR PAPLICATION NUMBER: 60/230,335
PRIOR PLILOR DATE: 2000-09-06
PRIOR PLILOR DATE: 2000-09-06
PRIOR PLILOR DATE: 2000-03-06
PRIOR PAPLICATION NUMBER: 60/230,347
PRIOR PLILOR DATE: 2000-12-2
PRIOR PAPLICATION NUMBER: 60/25,625
PRIOR PLILOR DATE: 2000-12-22
PRIOR PLILOR DATE: 2000-11-27
PRIOR PLILOR DATE: 2000-12-22
PRIOR PLILOR DATE: 2000-12-22
PRIOR PLILOR DATE: 2000-12-26
PRIOR PRIOR DATE: 2000-12-26
PRIOR PLILOR DATE: 2001-02-09
PRIOR PLILOR DATE: 2001-02-06
PRIOR PLILOR DATE: 2001-02-06
PRIOR PLILOR DATE: 2001-02-06
PRIOR PLILOR DATE: 2001-02-09
PRIOR PLILOR DATE: 2001-02-06
PRIOR PLING DATE:
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FILE REFERENCE: ELITRA-034A
CURRENT APPLICATION NUMBER: 18/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230.335
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APPLICATION NUMBER: 60/230,335
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ORGANISM: Pseudomonas putida
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 ARKKAAKAARKKAAK 15
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
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Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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Best Local Similarity 66.73
Matches 10; Conservative
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APPLICANT: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPERDICE: ELITRA 0.94A

CURRENT APPLICATION NUMBER: 105/10/282,122A

CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                      Gaps
Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 69962
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Gaps

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1; Gaps
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APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Soltstad, Torese
APPLICANT: Soltstad, Torese
APPLICANT: Soltstad, Torese
APPLICANT: Sand Methods of peptide preparation
TITLE OF INVENTION: Methods of peptide preparation
TITLE OF INVENTION: Methods of peptide preparation
FILE RPERENCE: 1181-258
CURRENT APPLICATION NUMBER: US/10/169,613
CURRENT FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: GB 0005702.6
PRIOR PILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: GCT/GB99/02851
PRIOR PILING DATE: 1999-08-31
NUMBER: OSEQ ID NOS: 40
SCOTWARE: PatentIn version 3.0
SEQ ID NO 2:
LENGTH: 21
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Pred. No. 2.4;
0; Mismatches 0;
                                                                                                                                                                                    Score 47.5; DB 12;
Pred. No. 2.4;
0; Mismatches 0;
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                                                                                                                       , OTHER INFORMATION: modified antimicrobial peptide US-10-169-613-18
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                                                                                                                                                                                                                                                                                                                                                                                                       S-10-169-613-22
Sequence 22, Application US/10169613
Publication No. US20030086959A1
GENERAL INFORMATION:
APPLICANT: RedKal, Oystein
APPLICANT: Syendsen, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
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SOFTWARE: PatentIn version 3.0 SEQ ID NO 18 LENGTH: 21
                                                                                                                                                                                        66.0%;
ilarity 92.9%;
Conservative
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Best Local Similarity 92.9
Matches 13; Conservative
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Forsyth, R.
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nes 13; Conserva
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ORGANISM: Artificial
                                                                 TYPE: PRT
ORGANISM: Artificial
FEATURE:
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APPLICANT:
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Matches
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Sequence 120, Application US/10127032
Publication No. US20030113742A1
SEQUENCE INFORMATION:
APPLICANT: Whiteley, Marvin
APPLICANT: Bangera, M. Gita
APPLICANT: Bangera, M. Gita
APPLICANT: Greenberg, Everett Peter
ITILE OF INVENTION: METHODS AND COMPOSITIONS FOR THE MODULATION OF
ITILE OF INVENTION: METHODS AND COMPOSITIONS FOR THE MODULATION OF
ITILE OF INVENTION: METHODS AND COMPOSITIONS
FILE REPERBENCE: UIZ-070CP
CURRENT APPLICATION NUMBER: US/10/127,032
CURRENT PILING DATE: 2001-04-20
PRIOR FILING DATE: 2001-04-20
PRIOR FILING DATE: 2001-04-20
PRIOR FILING DATE: 2001-04-24
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 120
ILENGTH: 347
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                                                                                                                                                                    Score 48; DB 12; Length 347;
Pred. No. 32;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Indels
                                                                                                                                                                                                                     1; Indels
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APPLICANT: Red&Cal, John
APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Svendsen, Mari
APPLICANT: Solterad, Torese
APPLICANT: Solterad, Torese
APPLICANT: Solterad, Torese
APPLICANT: Solverad, Torese
APPLICANT: Solverad, Torese
APPLICANT: Solverad
APPLICANT: Solverad
APPLICANTON: Methods of peptide preparation
FILE OF INVENTION: Methods of peptide preparation
FILE OF INVENTION: Methods of peptide preparation
FRIENT APPLICATION NUMBER: US/10/169,613
PRIOR FILING DATE: 2001-08-31
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: PCT/GB99/02851
PRIOR PLILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ore 48; DB 14;
ed. No. 32;
Mismatches 1
                                                                                                                                                                                                                        4; Mismatches
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-169-613-18
. Sequence 18. Application US/10169613
. Publication No. US20030086959A1
. GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-10-127-032-120
                                                                                              TYPE: PRT;
CRGANISM: Pseudomonas aeruginosa
US-10-282-122A-66237
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163 AKKKAAEDAKKKAAE 177
         NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 66237
LENGTH: 347
                                                                                                                                                                                                                                                                                              163 AKKKAAEDAKKKAAE 177
                                                                                                                                                                             Query Match
Best Local Similarity 66.7%;
Matches 10; Conservative
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Best Local Similarity
Matches 10; Conserva
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US-10-127-032-120
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PRILICANT: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: BLITRA,034

CURRENT APPLICATION NUMBER: 05/191,078

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-23

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-06

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR PLING DATE: 2000-09-06

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-11-27

PRIOR PAPLICATION NUMBER: 60/250,625

PRIOR PAPLICATION NUMBER: 60/250,625

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-12-22

PRIOR PLING DATE: 2000-12-22

PRIOR PPLICATION NUMBER: 60/250,636

PRIOR PLING DATE: 2000-12-22

PRIOR APPLICATION NUMBER: 60/250,636

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-16

PRIOR PLING DATE: 2001-02-16

PRIOR SPLICATION NUMBER: 60/250,308

PRIOR PLING DATE: 2001-02-16

PRIOR PLING DATE: 2001-02-16

PRIOR SPLING DATE: 2001-02-16

PRIOR PLING DATE: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 65.3%; Score 47; DB 12; Length 147; Best Local Similarity 73.3%; Pred. No. 19; Matches 11; Conservative 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT CRGANISM: Mycobacterium avium US-10-282-122A-61864
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Search completed: August 17, 2004, 17:19:15 Job time : 26.2277 secs

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Sequence Sequence Sequence

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Sequence 201, Application US/09095855
Facent No. 6160093
Facent No. 61
US-08-303-025-15
US-08-877-304-13
US-08-436-703B-2
US-08-303-025-16
US-09-417-264-27
US-09-417-264-27
US-09-417-264-27
US-08-762-106-8
US-08-762-106-8
US-08-762-106-9
US-09-320-774-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READBRIE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEC for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/055,855
                                                                                                                                                                                                                                                                                                                                                                                                          US-09-405-743A-3
US-09-405-743A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION
TILING DATE: 29-AUG-1996
APPLICATION NUMBER: 08/873,970
FILING DATE: 12-JUN-1997
APPLICATION NUMBER: 08/997,362
FILING DATE: 23-DEC-1997
APPLICATION NUMBER: 08/997,362
APPLICATION NUMBER: 37,007
REGISTRATION NUMBER: 31,007
REGISTRATION NUMBER: 31,007
REGISTRATION NUMBER: 37,007
REGISTRATION NUMBER: 37,007
RELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELERPRAK: 206-269-0565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 223 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPPOLGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
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USA
     98121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JS-09-095-855-201
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4, Appli
13565, A
23, Appl
6, Appli
6, Appli
7, Appli
1550, Ap
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                                                                                                                                                                                     August 17, 2004, 15:50:03 ; Search time 8.95545 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2
Sequence 6
Sequence 6
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Sequence 4
Sequence 1
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/Romy.comB.pep:*
/cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
                                     GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-837-058-4
US-09-417-264-4
US-09-489-033A-13565
US-09-352-990-23
US-08-894-339-6
US-09-306-044-6
US-09-306-044-6
US-09-306-044-6
US-09-305-0141-550
US-08-303-021-1550
US-08-303-021-1
US-08-315-2488-10
US-08-152-488-11
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US-08-303-025-10
US-08-303-025-11
US-08-303-025-14
US-08-677-304-10
US-08-677-304-11
US-08-677-304-11
US-08-677-304-12
US-08-416-7038-3
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US-08-152-488-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  389414 segs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                       OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                       1 AKKARAAKKARAAKKARA 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    length: 0
length: 2000000000
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                                                                                                                                                                                                                                                                                    US-09-496-391-7
81
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Match 1
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                            Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Minimum DB seq
Maximum DB seq
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Searched:
                                                                                                                                                                                             Run on:
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65.4%;
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INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                         LENGTH: 218 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 61.1
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 4370 La Jo-
CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: 1.218
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: Peptide
                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
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TOPOLOGY: linear
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APPLICANT: Braun, Jonathan
APPLICANT: Braun, Jonathan
APPLICANT: Charay, Offer
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC PANCA antigens
NUMBER OF INVENTION: Microbial UC PANCA antigens
ADDRESSE: Campbell & Flores LiP
STREET 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
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US-09-205-426-201

Squence 201, Application US/09205426

Sacuence 201, Application US/09205426

Satest No. 6406704

GRIERAL INFORMATION:

APPLICANT: Watson, James D.

TITLE OF INVENTION: Compounds and Methods for Treatment and TITLE OF INVENTION: Diagnosis of Mycobacterial Infections
FILE REFERENCE: 11000.1002c4

CURRENT APPLICATION NUMBER: US/09/205,426

CURRENT APPLICATION NUMBER: 09/095,855

BARLIER FILING DATE: 1998-06-11

BARLIER PILING DATE: 1998-06-11

BARLIER PILING DATE: 1997-12-23

BARLIER PILING DATE: 1997-12-23

BARLIER PLING DATE: 1997-06-12

BARLIER PLING DATE: 1997-06-12
                                         71.6%; Score 58; DB 3; Length 223; illarity 77.8%; Pred. No. 0.42; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          71.6%; Score 58; DB 4; Length 223; 77.8%; Pred. No. 0.42;
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 208
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 4, Application US/09041889; Patent No. 6033864
                                                                                                                                                                        147 AKKATAAKKAAPAKKATA 164
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                                                                                                                                 1 AKKARAAKKARA 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ) ORGANISM: Mycobacterium vaccae US-09-205-426-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                  Query Match
Best Local Similarity
Thes 14; Conserv?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 14; Conserv
US-09-095-855-201
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 3
US-09-041-889-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
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                                                                                                                                                                      qq
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Diagnosis, Prevention and Treatment of
Ulcerative Colitis, and Clinical Subtypes Thereof, Using
Histone H1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note= "product = Human Histone
H1-S-4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 53; DB 3;
Pred. No. 1.9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4; Mismatches
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: CAMDEDELI, CALLIYIN A.
REGISTRATION NUMBER: 31,815
REFERRING-POCKET NUMBER: P-PM 3006
TELECHONE: (619) 535-8041
TELEPHONE: (619) 535-8043
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LEMETER CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 4, Application US/08837058
Patent No. 6074835
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Braun, Stephan R.
APPLICANT: Bagena, Stephan R.
TITLE OF INVENTION: Ulcerative Col TITLE OF INVENTION: Ulcerative Col TITLE OF INVENTION: Histone HI NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATORNEY/AGENT INFORMATION:
NAVE: Cambbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFRENCE/DOCKET NUMBER: P-PM
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |||||:: |||:|| :|
166 AKKAKSPKKAKAKAKA 183
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RESULT 6
US-09-489-039A-13565

i Sequence 13565, Application US/09489039A

parent No. 6610836

i GENERAL INFORMATION:

APPLICANT: Gary Breton et. al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS

TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/489,039A

CURRENT APPLICATION NUMBER: US/09/489,039A

PRIOR PRILING DATE: 1999-01-29

NUMBER OF SEQ ID NOS: 14342

SEQ ID NO 13565

LITLE OF LANGE AFFICE ACID NOS: 14342
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 63.0%; Score 51; DB 4; Length 469; Best Local Similarity 66.7%; Pred. No. 6.7; Matches 12; Conservative 3; Mismatches 3; Indels
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APPLICANT: Pamodu, Layo O.

APPLICANT: OFFICE Encode, Layo O.

TITLE OF INVENTION: Plant Aminoacyl-tRNA Synthetase

FILE REFERENCE: BB-1131

CURRENT APPLICATION NUMBER: US/09/352,990

CURRENT FILING DATE: 1999-07-14

EARLIER PILING DATE: J1998

NUMBER OF SEQ ID NOS: 29

SOFTWARE: MICKOSOFT OFFICE 97

SEQ ID NO 2: 346

ILBNGTH: 346
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 23, Application US/09352990; Patent No. 6255090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ; ORGANISM: Drosophila melanogaster US-09-352-990-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-13565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 AKKARAAKKARA 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 71.4
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-352-990-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 7
                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4, Application US/09417264

Patent No. 6537768
GENERAL INFORMATION:
PAPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Ulcerative Collis, and Clinical Subtypes Thereof, Using TITLE OF INVENTION: Microbial UC panCA antigens
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
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                                                                                                                                                  Query Match 65.4%; Score 53; DB 3; Length 218; Best Local Similarity 61.1%; Pred. No. 1.9; Matches 11; Conservative 4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              65.4%; Score 53; DB 4; Length 218; 61.1%; Pred. No. 1.9; 1; Indels tive 4; Mismatches 3; Indels
           CTHER INFORMATION: hote= "product = Human Histone;
CTHER INFORMATION: H1-S-4"
US-08-837-058-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: 1..218
OTHER INFORMATION: /note= "product = Human Histone OTHER INFORMATION: H1-S-4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTX: USA
ZIP: 92122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRANT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
ATTORNEY AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REGISTRATION NUMBER: 9-PM 3006
TELECOMMUNICATION INFORMATION:
TELEFHONE: (619) 535-9001
                                                                                                                                                                                                                                                                           166 AKKAKSPKKAKAAKPKKA 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |||||: |||:||:|
166 AKKAKSPKKAKAAKPKKA 183
                                                                                                                                                                                                                                              1 AKKARAAKKARAAKKARA 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 218 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 61.14
Matches 11; Conservative
FEATURE:
NAME/KEY: Peptide
LOCATION: 1..218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: Peptide
LOCATION: 1..218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
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92122
7 PT
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US-09-417-264-4
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SYNTHETIC
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US-09-732-210-1550
Sequence 1550, Application US/09732210
Patent No. 6573361
GENERAL INFORMATION:
APPLICANT: BAUKers, Greg J.
APPLICANT: Mittanck, Cindy A.
APPLICANT: Mattanck, Cindy A.
APPLICANT: Wu, Younie S.
TITLE OF INVENTION: AALL-fungal Proteins and Methods for Their Use
FILE REFERENCE: 38-21(15036)B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS FILT EPERENCE: 60007-A
CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 2.1
SOFTWARE: PACENTIN Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 59.3%; Score 48; DB 4; Length 109; Best Local Similarity 65.0%; Pred. No. 4.6; Matches 13; Conservative 3; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match 60.5%; Score 49; DB 3; Length 26; Best Local Similarity 58.8%; Pred. No. 0.98; Matches 10; Conservative 4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ) OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: PEPTIDE
US-09-405-743A-7
                                                                                                                                                           NAME: Savitzky Egg., Martin F.
REGISTRATION NUMBER: 29,699
REPERBUCE/DOCKET NUMBER: ST95012-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-3816
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/894,339
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR96/00248
FILING DATE: 15-FEB-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/09405743A Patent No. 6514938
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 AKKARAA--KKARAAKKARA 18
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                                                                                                                                                                                                                                                                                                                                                 26 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-405-743A-7
                                                                                                                                                                                                                                                                                                                                            LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-306-044-6
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LENGTH: 109
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APPLICANT: STEEMAN, Daniel
APPLICANT: BYK, Gerardo
APPLICANT: APPLICANT: BYK, Gerardo
APPLICANT: APPLICANT: BYK, Gerardo
APPLICANT: ACHWARTZ, Bertrand
TITLE OF INVENTION: NUCLEIC ACID-CONTAINING COMPOSITION,
TITLE OF SEQUENCES:
ADDRESSES: Rhone-Poulenc Rorer Inc.
ATREET: 500 Arcola Road, Mailstop 3C43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60.5%; Score 49; DB 2; Length 26; 58.8%; Pred. No. 0.98;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Indels
                                                             STATE: DATE OF THE COUNTRY: USA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
NEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATE
APPLICATION NUMBER: US/08/894,339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/306,044
                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FF 95/01865
FILING DATE: 17-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR96/00248
FILING DATE: 15-FEB-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4; Mismatches
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Savitzky Esq., Martin F.
REGISTRATION NUMBER: 29,699
REPERENCE/DOKET NUMBER: ST95012-US
TELECOMMUNICATION INFORMATION:
(610) 454-3816
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 KKARAAKKARAAKKARA 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (610) 454-381
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 26 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 500 ATTIVE COLLEGEVILLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
Matches 10; Conserv
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CLASSIFICATION:
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                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-894-339-6
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                                                                                                                           Query Match 58.0%; Score 47; DB 1; Length 28; Best Local Similarity 73.7%; Pred. No. 1.9; Matches 14; Conservative 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL TOTATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR
TITLE OF INVENTION: HEPARIN AND LOW MOLECTIAR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSER: Benita J, Rohm, Esq.
STREET: 6601 Woodward Avenue
STREET: SULLE 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      7WK-060548-00233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: PLOPBY disk 1.44Mb, 3.5"
COMPUTER READABLE FORM:
MEDIUM TYPE: PLOPBY disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: Worderfect 6;
SOFTWARE: Worderfect 6;
SOFTWARE: ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: N/A
ATTOMNEY/ASBNT INFORMATION:
NAME: Rohm, Benita J.
REGISTRATION NUMBER: 28,664
RESTERNECEDOCKET NUMBER: 7WK-060548-0023
TELEPHONE: 313-955-1976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
) DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-12
                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/08436703B Patent No. 5919761
                                                                                                                                                                                                                                             1 AKKA-RAAKKA-RAAKKAR 17
                                                                                                                                                                                                                                                                                                       2 AKKAKKAAKKAKKAK 20
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
8-436-701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             28 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                N/A
                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-436-703B-1
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                                                                                                                                                                                                                                                   8
                                                                                                                                                                                                                                                                                                                                                                                    Query Match 58.6%; Score 47.5; DB 4; Length 64; Best Local Similarity 81.2%; Pred. No. 3.4; Matches 13; Conservative 0; Mismatches 2; Indels
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US-08-303-025-12

US-08-303-025-12

US-08-303-025-12

Sequence 12, Application US/08303025

Patent No. 5614434

GENERAL INFORMATION:
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOWEL PEPTIDES FOR HEBARIN MANDRESSEE: ADDRESSEE: ADD
      CURRENT APPLICATION NUMBER: US/09/732,210
CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: US 60/169,513
PRIOR FILING DATE: 1999-12-07
PRIOR PILING DATE: 1999-12-07
NUMBER OF SEQ ID NOS: 1753
LENGTH: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 KKARAAKKARAAKKAR 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              47 KKALAAKK-RAVKKAR 61
                                                                                                                                                                                                                                                                            TYPE: PRT; ORGANISM: Myxococcus xanthus
US-09-732-210-1550
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3

Gaps

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RESULT 10

US-0-152-408-10

Sequence 10. Application US/09152408

Patent No. 5534619

GENERAL INFORMATION:
APPLICANT: Madrews Philip C.
FILLE OF INVENTION: LOW WORL PERTIES FOR HEDARIN AND TITLE OF INVENTION: LOW WORLD PERTIES FOR HEDARIN AND TITLE OF INVENTION: LOW WORLD PERTIES FOR HEDARIN AND TITLE OF INVENTION: LOW WORLD PERTIES FOR HEDARIN AND TITLE OF INVENTION: LOW WORLD PERTIES ADDRESS: 13
CORRESPONDENCE ADDRESS: 13
CORRESPONDENCE ADDRESS: 13
ADDRESSER: Bearly Series of America CORPTIES RADARED FOOM; FOR AMERICA CORPTIES RADARED FOOM; FOR AMERICA CORPTIES RADARED FOOM; FOR AMERICA COMPILER HIM POPTION FOR SOOT OF AMERICA FOR AMERICA COMPILER HIM POPTION FOR SOOT OF AMERICA FOR AMERICA COMPILER HIM POPTION FOR SOOT OF AMERICA FOR AME
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US-10-051-643-201
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44.5
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Sequence 8, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 4, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1230, Appli
Sequence 1230, Appli
Sequence 1230, Appli
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Sequence 52, Appl
Sequence 127, App
Sequence 2, Appli
Sequence 32, Appli
                                                                                                                                                (without alignments)
199.100 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                        August 17, 2004, 16:06:45 ; Search time 28.3812 Seconds
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/PCT_PBECOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_PBE_PBEP:*
3: /cgn2_6/ptodata/1/pubpaa/PCT_PBE_PBEP:*
4: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PBEP:*
5: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PBE.pep:*
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9: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PBE.pep:*
10: /cgn2_6/ptodata/1/pubpaa/USO9E_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/USO9E_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/USO9E_PUBCOMB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/USO9E_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/USO9E_PUBCOMB.pep:*
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16: /cgn2_6/ptodata/1/pubpaa/USO0E_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/USO0E_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/USO0E_PUBCOMB.pep:*
19: /cgn2_6/ptodata/1/pubpaa/USO0E_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd
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4 US-10-205-979-52

US-09-771-161A-127

US-09-888-721-3

US-09-888-721-3

US-09-888-721-3

5 US-10-240-430-7

1 US-10-262-209-7

1 US-10-229-567-4

US-10-229-567-4

US-10-229-567-4

US-10-229-567-4

US-10-229-567-4

US-10-229-567-4

US-10-229-567-4

US-10-229-567-4

US-10-229-67-4

US-10-229-67-4

US-10-229-67-4

US-10-229-67-4

US-10-229-493-1440

US-10-282-1224-59321
                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                         1292805 segs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                                                                  OM protein - protein search, using sw model
                                                                                                                                                                                                        US-09-496-391-7
81
1 AKKARAAKKARAAKARA 18
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length: 2000000000
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Match Length DB
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Gapop 10.0
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s ed
                                                                                                                                                                                                                                   Perfect score:
                                                                                                                                                                                                                                                                                               Scoring table:
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Maximum DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Database :
                                                                                                                                                                                                                                                           Seguence:
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                                                                                                                            Run on:
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16 50 61.7 346 10 US-09-846-589A-23 Sequence 23, Appl 19 49 60.5 372 12 US-10-282-122A-68109 Sequence 68109, A 19 60.5 372 12 US-10-282-122A-65149 Sequence 57. Appl 19 40 59.3 109 9 US-09-816-998A-7 Sequence 6747, A 58.0 214 12 US-10-282-122A-62547 Sequence 62547, A 22 47 58.0 214 14 US-10-282-122A-64817 Sequence 67601, A 22 47 58.0 214 14 US-10-282-122A-64817 Sequence 67601, A 22 4 6 56.8 373 16 US-10-282-122A-62547 Sequence 67601, A 22 4 6 56.8 373 16 US-10-283-125161 Sequence 125161, A 22 4 6 56.8 373 16 US-10-39-16429 Sequence 125161, A 23 44 54.3 16 US-10-282-122A-66237 Sequence 125161, A 23 44 54.3 16 US-10-282-122A-66237 Sequence 120, Appl 19 US-10-282-122A-66237 Sequence 120, Appl 19 US-10-282-122A-66237 Sequence 120, Appl 19 US-10-127-992-122A-66237 Sequence 24, Appl 19 US-10-127-992-122A-66237 Sequence 24, Appl 19 US-10-127-992-122A-66237 Sequence 24, Appl 19 US-10-127-992-129789 Sequence 2479, Appl 19 US-10-127-99
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## ALLGNMEN

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FILE REFERENCE: 23611-A USA
CURRENT APPLICATION NUMBER: US/09/888,721
CURRENT FILING DATE: 2001-06-25
PRIOR PPLICATION NUMBER: 60/213,653
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PATENTIN VET. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 32, Application US/0988721
Patent No. US20020132990A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                       1 ||||: |||:||| :|
1 AKKAKSPKKAKAAKPKKA 18
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1 AKKAKSPKKAKAAKPKKA 18
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Best Local Similarity 61.1%;
Matches 11; Conservative
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Best Local Similarity 61.1%;
Matches 11; Conservative
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; ORGANISM: Homo sapiens
US-09-888-721-2
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US-09-888-721-32
TITLE OF INVENTION:
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US-10-240-430-8
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Sequence 2. Application US/0988721
Patent No. US20020132990A1
GENERAL INFORMATION:
APPLICANT: Wils, Pierre
APPLICANT: Laurent, Olivier
APPLICANT: Marasco, Wann
APPLICANT: Scherman, Daniel
TITLE OF INVENTION: BIOENGINEERED VEHICLES FOR TARGETED NUCLEIC ACID
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             APPLICANT: Watson, James D.
APPLICANT: Watson, James D.
APPLICANT: Abernethy, Nevin
TITLE OF INVENTION: Of Immune Responses
FILE REPRENCE: 11000.1063U US/10/205,979
CURRENT APPLICATION NUMBER: US/10/205,979
CURRENT APPLICATION NUMBER: 60/308,446
PRIOR FILING DATE: 2001-07-26
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 223
                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 71.6%; Score 58; DB 14; Length 223; Best Local Similarity 77.8%; Pred. No. 0.8; Matches 14; Conservative 0; Mismatches 4; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INPORMATION:
APPLICANT: LEVINE: et al.
TILLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771,161A
CURRENT FILING DATE: 2001-01-26
PRIOR FILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-6-15
PRIOR PAPLICATION NUMBER: 136776
PRIOR PAPLICATION NUMBER: 136776
PRIOR APPLICATION NUMBER: 13679
PRIOR PLING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PATENTIN VENSION 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 AKKARAAKKARAA 18
                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT; ORGANISM: Mycobacterium vaccae US-10-205-979-52
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-771-161A-127
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US-09-771-161A-127
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LENGTH: 243
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APPLICANT: Wils, Pierre
APPLICANT: Zhu, Quan
APPLICANT: Laurent, Olivier
APPLICANT: Laurent, Olivier
APPLICANT: Marasco, Wayne A.
APPLICANT: Marasco, Wayne A.
APPLICANT: Scherman, Daniel
TITLE OF INVENTION: BLOWGINEERED VEHICLES FOR TARGETED NUCLEIC ACID
TITLE OF INVENTION: DELIVERY
FILE REFERENCE: 23611-A USA
CURRENT APPLICATION NUMBER: US/09/888,721
CURRENT FILING DATE: 2000-06-25
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 32
LENGTH: 26
                                                    Gaps
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Publication No. US20040110928A1

GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea

APPLICANT: Esseghir, Selma

TILE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REFERENCE: GJE-4402

CURRENT APPLICATION NUMBER: US/10/240,430

CURRENT FILING DATE: 2003-04-15

PRIOR FILING DATE: 2001-04-12

PRIOR FILING DATE: 2001-04-12

PRIOR FILING DATE: 2001-04-12

PRIOR FILING DATE: 2001-04-12
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Score 53; DB 9; Length 26; Pred. No. 0.47;
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                                                 4; Mismatches
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TITLE OF INVENTION: Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC pANCA antigens
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Pred. No. 2.3;
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y Sequence 5, Application US/10240430
y Publication No. US20040110928A1
general information (US20040110928A1
general information; Andrea
happlicant: Essenti, Andrea
happlicant: Essenti, Selma
TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REFERENCE: GJE-6402
CURRENT APPLICATION NUMBER: US/10/240,430
CURRENT FILING DATE: 2003-04-15
PRIOR APPLICATION NUMBER: UK 0102667.3
PRIOR FILING DATE: 2001-04-12
PRIOR FILING DATE: 2001-04-12
PRIOR PPLICATION NUMBER: UK 0009080.3
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 130
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: Callfornia
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 53; DB 16;
Pred. No. 2.3;
                                                                                                                                                                                                                 4; Mismatches
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                                                                                                                                                                                                                                                                1 AKKARAAKKARA 18
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76 AKKAKSPKKAKAKPKKA 93
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76 AKKAKSPKKAKAAKPKKA 93
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 130
                                                                                                                                                                  Query Match
Best Local Similarity 61.1%;
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 65.4%;
Best Local Similarity 61.1%;
Matches 11; Conservative
                                                                     TYPE: PRT
CRGANISM: Homo sapiens
US-10-262-209-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
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Publication No. US20040110928A1

GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea
APPLICANT: Crisanti, Andrea
APPLICANT: Esseghir, Selma
TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REFERENCE: G2D-6402
CURRENT APPLICATION NUMBER: US/10/240,430
CURRENT APPLICATION NUMBER: US/10/240,430
PRIOR PLING DATE: 2001-04-12
PRIOR PLILING DATE: 2001-04-12
PRIOR PLILING DATE: 2001-04-12
PRIOR PLILING DATE: 2000-04-12
PRIOR PLILING DATE: 2000-04-12
PRIOR RELICATION NUMBER: UX 0009080.3
PRIOR PLILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
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Pred. No. 1.2;
4; Mismatches 3; Indels
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Publication No. US20030125239A1
GENERAL INFORMATION:
APPLICANT: Esseghir, Selma
TITLE OF INVENTION: Compositions for Drug Delivery
FILE REFERENCE: G4-6703
CURRENT FILING DATE: 2002-09-30
                                                                                                                                                                                                                                       Query Match 65.4%; Score 53; DB 16; Best Local Similarity 61.1%; Pred. No. 1; Matches 11; Conservative 4; Mismatches 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: UK 0218324.2
PRIOR FILING DATE: 2002-08-07
PRIOR PLLING DATE: 2002-08-07
PRIOR APPLICATION NUMBER: PCT/GB01/01699
PRIOR PILING DATE: 2001-04-12
PRIOR PLLING DATE: 2001-02-02
PRIOR PLLING DATE: 2001-02-02
PRIOR PLLING DATE: 2001-02-02
PRIOR PILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 2
PRIOR APPLICATION NUMBER: UK 0009080.3
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 14
SCOFTWARE: Patentin version 3.1
SEQ ID NO 8
LENGTH: 55
                                                                                                                                                                                                                                                                                                                                       1 AKKARAAKKARA 18
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Best Local Similarity 61.1%;
Matches 11; Conservative 4
                                                                                                                                            TYPE: PRT; ORGANISM: Homo sapiens
US-10-240-430-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Homo sapiens
US-10-240-430-7
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US-10-262-209-2
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167 AKKAKSPKKAKAAKPKKA 184
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 KKARAAKKARAAKKAR 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 14
US-10-156-761-12370
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ORGANISM:
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OTHER INFORMATION: /note= "product = Human Histone
H1-S-4"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 65.4%; Score 53; DB 14; Length 218; Best Local Similarity 61.1%; Pred. No. 3.9; Matches 11; Conservative 4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3; Indels
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Sequence 1, Application US/10262209
Publication No. US20030125239A1
GENERAL INPORMATION:
APPLICANT: Crisanti, Andrea
TITLE CF INVENTION: Compositions for Drug Delivery
FILE REFERENCE: GJE-6703
CURRENT APPLICATION NUMBER: US/10/262,209
CURRENT FILING DATE: 2002-09-30
PRIOR FILING DATE: 2002-08-07
PRIOR FILING DATE: 2001-06-07
PRIOR FILING DATE: 2001-06-07
PRIOR FILING DATE: 2001-06-12
PRIOR APPLICATION NUMBER: UK 0102667.3
PRIOR FILING DATE: 2001-06-12
PRIOR RELING DATE: 2001-06-12
PRIOR RELING DATE: 2000-04-12
SOFTWARE: Patentin version 3.1
SEQ ID NO:
           PRIOR APPLICATION NUMBER: US/10/229,567
FILING DATE: 27-Aug-2002
CLASSIPICATION NUMBER: US/00/417,264
FILING DATE: CURKNOWN>
PRIOR APPLICATION NUMBER: US/09/417,264
FILING DATE: CURKNOWN>
APPLICATION NUMBER: US/09/417,264
FILING DATE: CURKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: CAMDbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 11; Conserva
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Pred. No. 9.3;
2; Mismatches 4; Indels
APPLICANT: ISHIKAWA, JUN
APPLICANT: HORIRAWA, HIROSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SHARKI, YOSHIYUKI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: HATYORI, MSAHIRA
TILE ON INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-262
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-06-02
NUMBER OF SEQ ID NOS: 15109
SEGO ID NO 12370
LENGTH: 272
                                                                                                                                                             ORGANISM: Streptomyces avermitilis US-10-156-761-12370
                                                                                                                                                                                                                                                106 KKAEATKKABAARRAAA 122
                                                                                                                                                                                                                              2 KKARAAKKARAAKKARA 18
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Best Local Similarity 64.7%;
Matches 11; Conservative
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223 AKKKAAEDAKKKAAEDAKKKAAEEAKKKAA 252
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7 TYPE: PR
ORGANISM: PSeudomonas aeruginosa
US-09-252-991A-29581
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CITY: Lexington
The Massachusetts
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US-08-346-849-16
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Sequence 27, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 14, Appl
Sequence 26, Appl
Sequence 26, Appl
Sequence 13, Appl
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                                                                                                                    August 17, 2004, 15:50:03 ; Search time 15.9208 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Description
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Sequence 1
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Sequence 3
Sequence 3
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/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd
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US-08-293-284A-16
US-08-091-284A-16
US-09-041-889-27
US-09-041-889-27
US-08-436-703B-4
US-08-436-703B-4
US-08-995-172-14
US-08-995-172-14
US-09-150-812-26
US-09-150-812-26
US-09-150-812-26
US-08-152-48B-13
US-08-303-025-15
US-08-303-025-15
US-08-303-025-15
US-08-303-025-15
US-08-303-025-15
US-08-303-025-15
US-08-303-025-15
US-08-436-7304-13
US-08-436-703B-2
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144
1 ARKKAAKAARKKAAKAARKKAAKA 32
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.08-346-849-16
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5-08-677-304-10
5-08-677-304-11
5-08-436-703B-3
5-08-436-703B-15
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S-08-152-488-11
S-08-303-025-10
S-08-303-025-11
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                                                                                                                                                                                                                                                                                                                                                   389414 segs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                                                               OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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                                                                                                                                                                                                      Title:
Perfect score:
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Maximum DB
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Sequence 21, Appl
Sequence 22, Appl
Sequence 5, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 7, Appli
Sequence 1265, A
Sequence 12, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 16, Appl
            Sequence
Sequence
Sequence
 Sequence
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US-09-150-812-25
US-08-995-172-21
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US-09-023-406B-5
US-09-023-406B-6
US-09-023-406B-6
US-09-023-406B-6
US-09-252-991h-22853
US-08-995-172-7
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Patent No. 6551795

GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
APPLICANT: ABENGENCE: 10.196.136

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
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PEPTIDES AND USES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 16, Application US/08346849

Patent No. 5670483

GENERAL INFORMATION:
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Holmes, Todd
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FOR:
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FOR:
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: THEREFOR

UNMBER OF SEQUENCES: 64
CORRESPONDENCES: 64
CORRESPONDENCE ADDRESSES:
ADDRESSES: HAWLITON, BROOK, SMITH & REYNOLDS, P.C.
STREET: TWO Militia Drive
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Gaps
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APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Rich, Alexander
APPLICANT: Rich, Alexander
APPLICANT: Holmes, Todd
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
TITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES: 64
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                                                                                                                                                                                                                                                                                                 Score 81.5; DB 2; Length 6 Pred. No. 0.0024; 4; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Lexington

STATE: Messachusetts

COUNTRY: U.S.A.

ZIP: O2173-4799

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/898,300

FILING DATE: 22 ULY 1997

CLASSIFICATION NUMBER: 08/346,849

FILING DATE: 28 DECEMBER 1994

PRIOR APPLICATION NUMBER: 07/973,326

FILING DATE: 28 DECEMBER 1992

ATTORNEY/AGENT INPORMATION:

NAME: BROOK, DAY/d E.

REFERRENCE/DOCKET NUMBER: MIT-6008FB

TELECOMMUNICATION NUMBER: MIT-6008FB

TELECOMMUNICATION NUMBER: MIT-6008FB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARKKAAKAARKKAAKA-----ARKKAAKKAAKA 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 81.5; DB 4;
Pred. No. 0.0024;
  REFERENCE/DOCKET NUMBER: MIT-6008A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 4
US-08-898-300-16
Sequence 16, Application US/08898300
; Partent No. 6548630
                     TELECOMMUNICATION INFORMATION:
TELEPRONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              56.6%;
                                                                                                                                                                                                                                                                                                      Query Match 56.6%;
Best Local Similarity 56.8%;
Matches 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein US-08-898-300-16
                                                                                                                                                                        TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                      US-08-293-284A-16
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APPLICANT: Tang, Shuguang

APPLICANT: Lockshin, Curtis

TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY

TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY

TITLE OF INVENTION: THEREFOR

TITLE OF INVENTION: THEREFOR

UNDERSYONDENCE ADDRESS:

ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5,
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Pred. No. 0.0024;
4; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02.73-4799
COMPUTER READABLE FORM
COMPUTER READABLE FORM
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284A
FILING DATE: 22-AUG-1994
CLASSIFICATION 1435
PRIOR APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATPORNEY/AGBNT INPOMMATION:
NAME: BROOK, DAVIG E.
REGISTRATION NUMBER: 22,592
ZIP: 02173-4799

CONDUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARS: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 ARKKAAKAARAAAA 32
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                                                                                                                                                                                      FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTONNEY, AGENT THORMATION:
NAME: BTOOK, DAVIG E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-600B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
THORMATION FOR SEG ID NO: 16:
TELEPHONE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 56.8%;
Matches 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Two Militia Drive

    60 amino acids
amino acid

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MOLECULE TYPE: protein

US-08-346-849-16
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US-08-293-284A-16
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55.9%; Score 80.5; DB 4; Length 214; 63.6%; Pred. No. 0.0098; tive 2; Mismatches 9; Indels
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APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James D.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCES: 16
CORRESPONDENCES: Renita J, Rohm, Esq.
STREE: 150 West Jefferson, Suite 2500
CITY: Detroit
STATE: Michigan
COUNTY: United States of America
ZIP: 48226-4415
                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE:
3: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      111 AKKVAKKAPAKKATKAAKKAATKAPARKAATKA 143
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION DATE:
FILING DATE:
ATTORNY AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31, 815
REFERRAZIOOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
THE TELECOMMUNICATION INFORMATION INF
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DX
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PCT/US92/06829
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
                                                                                                                               COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-303-025-16; Sequence 16, Application US/08303025; Sequence 16, Application US/08303025; Patent NO. 5614494; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 214 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 08-SEPT-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: PCT/1
FILING DATE: 14-AUG-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : 214 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity 63.6
nes 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy of
                 STREET: 43/CCITY: San Diego
       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-417-264-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Braun, Jonathan
APPLICANT: Chary, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41
ADDRESSEE: Campbell & Flores LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 27, Application US/09417264
Patent No. 6537768
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
       ij
       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TELOPPY disk
COMPUTER: PLOPPY D'C compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
FILING DATE:
                                                                   1 ARKKAAKAARKKAAKA-----ARKKAAKAAKA 32
                                                                                                                                      11 AKKKAAAKKKAAKKAKKPKKKAAKKAAKKPAKKS 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 ARKKAAKAARKKAAKKAAKA-ARKKAAKA 32
       4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/837,058
FILING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31.815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-9001
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                  Sequence 27, Application US/09041889 Patent No. 6033864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: 114-114

TOPOLOGY: 114-1

OLEGIT
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Best Local Similarity 63.69
Matches 21; Conservative
   21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; MOLECULE TYPE: peptide US-09-041-889-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 4370 La Jo
CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                                                                                                         US-09-041-889-27
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       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Thatcher, David R
APPLICANT: Thatcher, David R
APPLICANT: Wilks, Faula E
TITLE CANTERINES, Paula E
TITLE OF INVENTION: Optimization of Gene Delivery and Gene Delivery Systems
FILE REFERENCE: CACO026
CURRENT APPLICATION NUMBER: US/08/995,172B
CURRENT FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/033,908
EARLIER PILING DATE: 1996-12-23
NUMBER OF SEQ ID NOS: 25
SOFTWARE: ParentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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, OTHER INFORMATION: Description of Artificial Sequence: Peptide
US-08-995-172-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 26, Application US/08839624

Patent No. 6225045

GENERAL INFORMATION:
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
TITLE OF INVENTION: HIV INFECTION
NUMBER OF SEQUENCES: 43

CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: One Financial Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 49;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 78; DB 3; Ler
Pred. No. 0.0049;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (49)
OTHER INFORMATION: Xaa is Cys with Acm sidechain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 80; DB 2;
Pred. No. 0.002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 ARKKAAKAARKKAAKAARKKAAKA 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 AAKKAAKKAKKAAKKA--KKAAKKAKKAAKKA 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      7 AKKPAAKKSPKKAKKPAAKKSPKKAKKPAAK 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 ARKKAAKAARKKAAKAARKKAAK 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RECULT 9
18-08-995-172-14
; Sequence 14, Application US/08995172B
; Patent No. 6218112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          / Match 55.6%;
Local Similarity 65.6%;
nes 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 54.2%;
Best Local Similarity 58.1%;
Matches 18; Conservative 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                               33 amino acids
                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                            ORGANISM: N/A PUBLICATION: AUTHORS: N/A
                                                                                                                                                                                                                  MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                      TYPE: amino acid
STRANDEDNESS: N/i
TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
NAME/KEY: UNSURE
                                                                                                                                                                                                                                                                                                                                                                                     ;
US-08-436-703B-4
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                                                                                           LENGIH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 49
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ò
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR
TITLE OF INVENTION: WALIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 55.6%; Score 80; DB 1;
Best Local Similarity 65.6%; Pred. No. 0.002;
Matches 21; Conservative 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICALION
TILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REGISTRATION NUMBER: 28,664
                                                                                 NAME: Rohm, Benita J.
REFERENCE/DOCKET NUMBER: 7WH-060548-00231
TELECOMMINICATION INFORMATION:
TELEPHONE: 313-496-7622
TELEPAX: 313-496-8454
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 ARKKAAKAARKKAAKAARKKAAKA 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORTPERFECT 6;
SOFTWARE: ASCII (DOS)Text
CURRENT APPLICATION DATA:
FITTING TO THE T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: US/08/436,703B FILING DATE: 08-MAY-1995 CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION NUMBER: N/A FILING DATE: N/A
APPLICATION NUMBER: US 08/152,488 FILING DATE: 12-NOV-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TITLE: N/A

; DOCUMENT NUMBER: PCT/US92/08069

; FILING DATE: 14-AUG-1993

US-08-303-025-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Benita J, Rohm, Esq.
STREET: 6601 Woodward Avenue
STREET: Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/08436703B Patent No. 5919761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 7W TELECOMMUNICATION: 113-965-1976
                                                                                                                                                                                                                                                                                                                        LENGTH: 33 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: N/A PUBLICATION INFORMATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Detroit
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US-08-436-703B-4
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Sequence 32957, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: MAIC J. Rubenfield et al.

APPLICANT: MAIC J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS:

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US 60/094,788

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR SEQ ID NOS: 33142

SEQ ID NO 32957

LENGTH: 316
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54.2%; Score 78; DB 4; Length 316;
Best Local Similarity 64.5%; Pred. No. 0.027;
Matches 20; Conservative 0; Mismatches 11; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match

54.2%; Score 78; DB 4; Length 49;

Best Local Similarity 58.1%; Pred. No. 0.0049;

Matches 18; Conservative 4; Mismatches 9; Indels
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Sequence 13, Application US/08152488
Fatent No. 5534619
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES:
ADDRESSEE: Benita J. Rohm, Esq.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              211 AAKPAAKPTAKAAKPATKPAAKAAKPAAK 241
                     NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/5390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARKKAAKAARKKAAKAARKKAAK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 ARKKAAKKAAKAARKKAAKAARKKAAK 31
                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: single
TOPOLGGY: unknown
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEE: Benita J, Rohm, Esq.: 512 Springfield Avenue
Cranford
                                                                                               TELECOMMUNICATION INFORMATION
TELEPHONE: 617-345-9100
TELEPKX: 617-345-9111
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 49 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Pseudomonas aeruginosa
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 12
US-09-252-991A-32957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          JS-09-252-991A-32957
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Sequence 26, Application US/09150812
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Karn et al.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
HIV INFECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 78; DB 3; Length 49;
Pred. No. 0.0049;
4; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDEASSES BARNET & WICCOLL, INC.
STREET: One Financial Center
CITY: Boston
STATE: Massachusetts
COMPUTEY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WOATBERIECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/150,812
FILING DATE: 11.Sep-1998
CLASSIFICATION: AUKNOWN>
PRIOR APPLICATION: AUKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARKKAAKAARKKAAKAARKKAAK 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7 AKKPAAKKSPKKAKKPAAKKSPKKAKKPAAK 37
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APPLICATION NUMBER: US 60/017,268
FILING DATE: 13-MAY-1996
                                                                 COMPUTER READBLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordberfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U5/08/839,624
FILING DATE: April 15, 1997
CLASSIFICATION DATA:
APPLICATION NUMBER: DCT/GB96/78191
FILING DATE: 15-APR-1996
PRIOR APPLICATION NUMBER: PCT/GB96/78191
FILING DATE: 13-ARY-1996
ATTONNY AGENT INFORMATION:
NAME: KACHIGEN M. WILLIAMS
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/5390
TELECOMMUNICATION INFORMATION:
MATTONNY CALL NUMBER: 3255/5390
TELECOMMUNICATION INFORMATION:
MATTONNY CALL NUMBER: 3255/5390
TELECOMMUNICATION INFORMATION:
MATTONNY CALL NUMBER: 3255/5390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             54.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 49 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: peptide US-08-839-624-26
  Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   unknown
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Best Local Similarity
                                                      02111
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US-09-150-812-26
  STATE: M
COUNTRY:
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3 KKAAKAARKKAAKKAAKKAAKA 32
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TITLE: N/A
; DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-15
                                               08-SEPT-1994
                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 32 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
                                                                                                                                                                                                                                                                                                                                     TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                         APPLICATION NUMBER:
                                                  FILING DATE: 08
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 15
US-08-677-304-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 53.5%; Score 77; DB 1; Length 32; Best Local Similarity 66.7%; Pred. No. 0.0043; Matches 20; Conservative 2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 32;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
APPLICANT: Stanley, James C.
ITILE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITILE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS: Benita J, Rohm, Esq.
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
ZIP: 48226-4415
COMPUTER READABLE FORM:
MADDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: MS-DOS v.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IDM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION: 514
PRIOR APPLICATION BATA:
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-NG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROAM: BENIER 7.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELEPHONE: 908-276-5344
TELEPHONE: 908-276-5543
INPORMATION FOR EQUI DNO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH 32 amino acids
TVENT AMERICALING ACIDS
TOWN AMERICALING ACIDS
TELEFATION AMINO ACIDS
TELEFATION ACIDS
TOWN AMINO ACIDS
TOWN AMINO ACIDS
TOWN AMINO ACIDS
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                         New Jersey
: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE: N/A
PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-152-488-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 15, Application US/08303025; Patent No. 5614494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JASTI.

JAMINO GOI

STRANDEDNESS: N/A
TOPOLGGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/Y
PUBLICAT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: N/A PUBLICATION INFORMATION: AUTHORS: N/A
AUTHORS:
TITLE: N
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 53.5%; Score 77; DB 1; Length 32; Best Local Similarity 66.7%; Pred. No. 0.0043; Matches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 13, Application US/08677304
Patent No. 5721212
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN; MUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSE: Benita J, Rohm, Esq.
STREET: S12 Springfield Avenue
PRIOR APPLICATION DATA.

PRIOR APPLICATION DATA.

APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.

REFERENCE/DOCKET NUMBER: 7WH-060548-00231
TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-496-7622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: New Jersey
COUNTRY: United States of America
ZIP: 07016-1811
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
FILING DATE:
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Search completed: August 17, 2004, 16:14:26 Job time : 15.9208 secs

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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
78
91
                                                                                                                                                                                                           August 17, 2004, 16:06:45; Search time 50.4554 Seconds (without alignments) 199.100 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Published Applications AA:*

1: /cgn2_6/prodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/prodata/1/pubpaa/PCT TWW PUB.pep:*
3: /cgn2_6/prodata/1/pubpaa/DSO6_NEW PUB.pep:*
3: /cgn2_6/prodata/1/pubpaa/USO6_NEW PUB.pep:*
5: /cgn2_6/prodata/1/pubpaa/USO7_NEW PUB.pep:*
6: /cgn2_6/prodata/1/pubpaa/USO7_NEW PUB.pep:*
7: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*
8: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*
9: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
10: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
11: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
11: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
13: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
14: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
15: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
16: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
17: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
18: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
19: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
11: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
13: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
14: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
                             GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                      1 ARKKAAKAARKKAAKAARKKAAKA 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1292805 segs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                   OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                        US-09-496-391-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Scoring table:
                                                                                                                                                                                                                                                                                                                                                                         Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Database :
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Searched:
                                                                                                                                                                                                                  Run on:
                                                                                                                                                                                                                                                                                                                                           Title:
```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 66237, A	Sequence 120, App	Sequence 68109, A	Sequence 69962, A	Sequence 152005,	Seguence 16, Appl	Sequence 55748, A	Sequence 62547, A	Sequence 64817, A	Seguence 27, Appl	Sequence 3684, Ap	Sequence 51, Appl	Sequence 51, Appl	Sequence 47, Appl	Sequence 47, Appl
ΔΙ	US-10-282-122A-66237	US-10-127-032-120	US-10-282-122A-68109	US-10-282-122A-69962	US-10-437-963-152005	US-10-390-472-16	US-10-282-122A-55748	US-10-282-122A-62547	US-10-282-122A-64817	US-10-229-567-27	US-10-369-493-3684	US-10-393-449-51	US-10-177-725-51	US-10-393-449-47	US-10-177-725-47
	12	14	12	12	16				12					12	14
% Query Match Length DB	347	347	372	336	827	9	428	214	214	214	685	91	91	104	104
% Query Match	65.3	65.3	65.3	61.1	58.3	56.6	56.2	55.9	55.9	55.9	54.9	54.2	54.2	54.2	54.2
Score	94	94	94	88	84	81.5	81	80.5	80.5	80.5	79	78	78	78	78
Result No.	1	(7)	٣	4	Ŋ	9	7	8	6	10	11	12	13	14	15

equence 43, equence 93, equence 43, equence 93,	equence 4 equence 4 equence 4 equence 4	equence 48, equence 48, equence 24, equence 7819	101, 101, 97,	ednence ednence ednence ednence	e 98, e 95, e 7651 e 54, e 104,
-10-393-449-4 -10-393-449-9 -10-177-725-4 -10-177-725-9	-10-393-449-4 -10-393-449-4 -10-177-725-4 -10-177-725-4	0-393-449-48 0-177-725-48 9-820-843A-2 0-282-122A-7	10-393-449-1 10-177-725-1 10-393-449-9 10-177-725-9 10-393-449-9	10 - 393 - 449 - 9 10 - 393 - 449 - 9 10 - 177 - 725 - 9 10 - 177 - 725 - 9 10 - 177 - 725 - 9 10 - 393 - 449 - 9	10-177-7 09-820-8 10-282-1 10-393-4
11111 12411 12411	22444	2401	24242	111111 124441	11111 1221 1221
105 105 105 106	106 106 106	110 110 309 388	91 104 104 104	106 106 106 106	111 369 369 67
4 4 4 4 4		4444			m.m.m.d.d.
78 78 78 78	78 78 88 78 78	78 78 78	7.7 7.7 7.7 7.7	77 77 77 77	77 77 76 87
20 20 20 20 20 20 20	21 23 24 25	2226 2236 2636	3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		4 4 4 4 4 11 C1 E1 4 73

## ALIGNMENTS

US-10-282-122A-66237

Sequence 66237, Application US/10282122A

Publication No. US20040029129A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu

APPLICANT: Wang, Liangsu

APPLICANT: Wandle, Carlos

APPLICANT: Carlos

APPL

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JS-10-282-122A-69962
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APPLICANT:
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APPLICANT: Whiteley, Marvin
APPLICANT: Whiteley, Marvin
APPLICANT: Whiteley, Marvin
APPLICANT: Bangera, M. Gita
APPLICANT: Bangera, M. Gita
APPLICANT: Greenberg, Everett Peter
TITLE OF INVENTION: BETHODS AND COMPOSITIONS FOR THE MODULATION OF
TITLE OF INVENTION: BIOFILM FORMATION
FILE REFERENCE: UIZ-070CP
CURRENT APPLICATION NUMBER: US/10/127,032
CURRENT APPLICATION NUMBER: US 60/285,190
PRIOR FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: US 60/344,142
PRIOR FILING DATE: 2001-04-24
NUMBER OF SEQ ID NOS: 170
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 120
                                                                                                                                                                                                                                                                                                              Gaps
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-10
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SEQ ID NO 66237
LENGTH: 347
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0
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0
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Pred. No. 0.0027;
7; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 14; Length 347;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ouery Match 65.3%; Score 94; DB 14; Length 34 Best Local Similarity 66.7%; Pred. No. 0.0027; Matches 20; Conservative 7; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                1 ARKKAAKAARKKAAKAAKAAKAA 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ARKKAAKAARKKAAKKAAKKAA 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 68109, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 120, Application US/10127032
Publication No. US20030113742A1
                                                                                                                                                                             TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Pseudomonas aeruginosa
US-10-127-032-120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Chisen, Kari
APPLICANT: Trawick, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Yamamoto, Robert
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
                                                                                                                                                                                                                                                                  65.3%;
                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 66.7<sup>†</sup>
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 3
US-10-282-122A-68109
                                                                                                                                                                                                                       US-10-282-122A-66237
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US-10-127-032-120
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT FILING DATE: 2000-02-20

PRIOR PELICATION NUMBER: 60/191,078

PRIOR PELICATION NUMBER: 60/207,727

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR PELING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-06

PRIOR PLING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-06

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-12-22

PRIOR PLING DATE: 2000-12-02

PRIOR PLING DATE: 2000-12-02

PRIOR PLING DATE: 2000-12-02

PRIOR PLING DATE: 2000-12-03

PRIOR PLING DATE: 2000-13-03

PRIOR PLING DATE: 2000-13-03-03

PRIOR PLING DATE: 2000-03-03-03

PRIOR P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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0.0029;
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66.7%; Pred. No. o..
7; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                184 AKKKAAEDAKKKAAEEAKKKAAEDAKKKAA 213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 ARKKAAKAARKKAAKKAAKAARKKAA 30
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR PELICATION NUMBER: 60/207,727
PRIOR PLING DATE: 2000-05-26
PRIOR FLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , ORGANISM: Pseudomonas putida
US-10-282-122A-68109
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
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Wall, Daniel
Trawick, John
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Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 66./*
Best Local Similarity 67./*
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Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
FRICH APPLICATION NUMBER: 60/191,078
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                                                                                                                                                                                                                                                                                                                                                             COUNTY: MASACHIBECUS
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DATE: PC-DOS/MS-DOS
SOFTWARE: PACALIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/390,472
FILING DATE: 17-Mar-2003
PRIOR APPLICATION MASER: US/08/293,284
FILING DATE: 22-AUG-1994
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: US/08/293,284
FILING DATE: 28-DG-1994
APPLICATION NUMBER: US/08/293,284
FILING DATE: 28-DG-1994
APPLICATION NUMBER: US/08/293,284
FILING DATE: 28-DG-1994
APPLICATION NUMBER: US/08/293,284
FILING DATE: 28-DG-1992
ATTORNEY/AGENT INFORMATION:
NAME: DATE: ADDITION: DATE: AD
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                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   56.6%; Score 81.5; DB 16;
56.8%; Pred. No. 0.013;
tive 4; Mismatches 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ----ARKKAAKAARA 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Brock, David E.
REGIGIRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008A
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear

MOLECULE TYPE: protein
US-10-390-472-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 55748, Application US/10282122A
Publication No. US20040029129A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                 STREET: Two Militia Drive
                                                                                                                          THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
                                                                                                                                                                                                                                                                                                       CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
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Zyskind, Judith
Wall, Daniel
Trawick, John
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Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 ARKKAAKAARKKAAKA-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
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Matches 21, Conservative
                                                                                                                                                             NUMBER OF SEQUENCES:
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APPLICANT:
APPLICANT:
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                                  PRIOR FILING DATE: 2000-10-23;
PRIOR PELING DATE: 2000-10-23;
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2001-02-02
PRIOR FILING DATE: 2001-02-03
PRIOR FILING DATE: 2001-02-03
PRIOR PILING DATE: 2001-02-16
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR SPILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Patentin version 3.1
SEQ ID NO 69962
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 61.1%; Score 88; DB 12; Length 336; Best Local Similarity 63.3%; Pred. No. 0.013; Matches 19; Conservative 7; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Clone ID: PAT_MRT4530_52099C.1.pep
US-10-437-963-152005
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Publication No. US20040087013A1
GENERAL INFORMATION:
APPLICANT: Holmes, Todd
Zhang, Shuquang
Rich, Alexander
DiPersio, C. Michael
           APPLICATION NUMBER: 60/242,578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT ORGANISM: Pseudomonas syringae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-282-122A-69962
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US-10-390-472-16
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Score 80.5; DB 12;
Pred. No. 0.056;
2; Mismatches 9;
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ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT; ORGANISM: Mycobacterium bovis
US-10-282-122A-62547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 63.6%;
Matches 21; Conservative ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Haselbeck, Robert
Ohlsen, Kari
Zyskind, Judith
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1, Daniel
wick, John
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Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
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TITLE OF INVENTION: Identification of Essential Genes in Microcrganisms
FILE REFERENCE: ELITRA.034A
FILE REPERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2000-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-09-09
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206, 848
PRIOR PILING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-65
PRIOR PELING DATE: 2000-05-66
PRIOR APPLICATION NUMBER: 60/230, 347
PRIOR PILING DATE: 2000-09-06
PRIOR PELING DATE: 2000-10-60
PRIOR PELING DATE: 2000-10-60
PRIOR PILING DATE: 2000-10-60
PRIOR PILING DATE: 2000-10-60
PRIOR PELING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253, 625
PRIOR APPLICATION NUMBER: 60/253, 625
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2001-12-22
PRIOR PELING DATE: 2001-12-6
PRIOR PELING DATE: 2001-02-16
PRIOR PELING DATE: 2001-03-16
PRIOR PELING DATE: 2001-03-18
PRIOR PELING DATE: 2001-03-18
PRIOR PERIOR DATE: 2001-03-18
PRIOR PELING DATE: 2001-03-18
PRIOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT
; ORGANISM: Enterobacter cloacae
US-10-282-122A-55748
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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APPLICAMY: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT APLICATION NUMBER: 60/191,078
PRIOR PILING DATE: 2000-03-21
PRIOR PELING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-24
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-06
PRIOR FILING DATE: 2000-09-06
PRIOR PELING DATE: 2000-09-06
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-12-26
PRIOR PELING DATE: 2001-12-20
PRIOR PELING DATE: 2001-12-20
PRIOR PELING DATE: 2001-12-20
PRIOR PELING DATE: 2001-02-09
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PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR PILING DATE: 2001-02-09
PRIOR PAPPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 62247
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Sequence 51, Application US/10393449

| Sequence 51, Application US/203224412A1
| Publication No. US2003224412A1
| Publication No. US2003224412A1
| GENERAL INFORMATION:
| APPLICANT: Anderson, David
| APPLICANT: Beele, Beau R. |
| TILE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT S FILE REFERENCE: RIGL-007CIP3 |
| TILE REFERENCE: RIGL-007CIP3 |
| FILE REFERENCE: RIGL-007CIP3 |
| CURRENT PILING DATE: 2003-03-18 |
| PRIOR PELICATION NUMBER: US 10/177,725 |
| PRIOR APPLICATION NUMBER: US 09/415,765 |
| PRIOR APPLICATION NUMBER: US 09/169,015 |
| PRIOR PILING DATE: 1998-10-08 |
| NUMBER OF SEQ ID NOS: 173 |
| SEQ ID NO 5: ITA |
| SEQ ID NO 5: ITA |
| IENGTH: 91
Page 5

APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
ITTLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REPERENCE: 38-10($205.)B
CURRENT APPLICATION NUMBER: US($10,369,493)
CURRENT PELING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 3684
LENGTH: 685
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 12;
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Pred. No. 0.047;
5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: unsure

LOCATION: (1) .. (685)

CTHER INFORMATION: unsure at all Xaa locations

US-10-369-493-3684
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 61.3%;
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: synthetic US-10-393-449-51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Neurospora crassa
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 13
US-10-177-725-51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Diagnosis, Prevention and Treatment of TITLE OF INVENTION: Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC PANCA antigens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 55.9%; Score 80.5; DB 14; Length 214; Best Local Similarity 63.6%; Pred. No. 0.056; Matches 21; Conservative 2; Mismatches 9; Indels 1;
                                                                                                                                                                                                     Length 214;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURENTER REALDED COMP.

CONFUTER: IBM PC Compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/229,567
FILING DATE: 27-Aug-2002
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION: <UNKnown>
PRIOR APPLICATION NUMBER: US/09/417,264
FILING DATE: <UNKnown>
APPLICATION NUMBER: US 09/041,889
FILING DATE: <UNKnown>
ATTORNEY/AGENT INFORMATION:
NAME: CAMPAIN NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 9-PM 3006
TELEFARTION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 9-PM 3006
TELEFAR: (619) 535-9001
                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                   55.9%; Score 80.5; DB 12;
ilarity 63.6%; Pred. No. 0.056;
Conservative 2; Mismatches 9;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3684, Application US/10369493
Publication No. US20030233675A1
GENERAL INFORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 27, Application US/10229567 Publication No. US20030092080A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 214 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Braun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (619) 535-8
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
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COMPUTER READABLE FORM:
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STATE: California
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Best Local Similarity
---- 21; Conservat
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APPLICANT: Begenberger, Jakob M.
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APPLICANT: Begenberger, Jakob M.
APPLICANT: Begenberger, Jakob M.
APPLICANT: Begenberger Jakob M.
APPLICANT: Begenberger Jakob M.
APPLICANTON: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT S
FILE REFERENCE: RIGL-OO7CIP3
CURRENT APPLICATION NUMBER: US 10/177,725
PRIOR FILING DATE: 2002-06-20
PRIOR PELICATION NUMBER: US 09/415,765
PRIOR FILING DATE: 1999-10-08
PRIOR FILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 173
SEQ ID NOS: 173
SEQ ID NO 47
LENGTH: 104
               APPLICANT: Peele, Beau TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT TITLE ROFINNTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT TITLE ROFINNTION: STRUCTURALLY BIASED CURRENT APPLICATION NUMBER: US/10/17,725
CURRENT APPLICATION NUMBER: US/9415,765
PRIOR FILING DATE: 1999-10-08
PRIOR FILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 173
SOFTWARE: Patentin version 3.1
SEQ LD NO 51
LENGTH: 91
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
54.2%; Score 78; DB 14; Length 91;
Best Local Similarity 61.3%; Pred. No. 0.047;
Matches 19; Conservative 5; Mismatches 7; Indels
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Best Local Similarity 61.3%; Pred. No. 0.053;
Matches 19; Conservative 5; Mismatches
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Bogenberger, Jakob M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Anderson, David
APPLICANT: Bogenberger, Jakob M.
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ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                               ) OTHER INFORMATION: synthetic US-10-177-725-51
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; OTHER INFORMATION: synthetic
US-10-393-449-47
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US-10-177-725-47
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